

**PHASE I
ENVIRONMENTAL SITE ASSESSMENT
WITH
ASBESTOS SURVEY AND
LEAD-BASED PAINT
SCREENING**

**3033 WEST GLENWOOD AVENUE
PHILADELPHIA, PENNSYLVANIA**

July 2011

Prepared for:

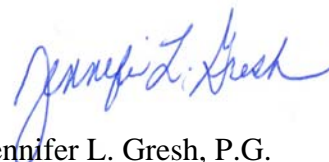
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Project No. 8165.EG

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I. INTRODUCTION

A. PURPOSE

This report summarizes Duffield Associates, Inc.'s (Duffield Associates') Expanded Phase I Environmental Site Assessment (ESA) of 3033 West Glenwood Avenue ("the Property") located in Philadelphia, Pennsylvania (see Figure 1 – Site Location Sketch). Philadelphia Industrial Development Corporation (PIDC) requested this ESA to identify recognized environmental conditions (RECs) at the Property to support potential leasing of the Property. In general, RECs are conditions where structures, soil, groundwater, or surface water are threatened by a release, or have experienced a release, of hazardous substances or petroleum products. Standards for the assessment are established in the United States Environmental Protection Agency's "Standards and Practices for All Appropriate Inquiries" (Code of Federal Regulations, Title 40, Part 312). The format of this report is based on ASTM International's "Standard Practice for Environmental Site Assessments" (E1527-05).

B. DETAILED SCOPE OF SERVICES

Duffield Associates reviewed selected historical and regulatory information pertaining to the Property and nearby lands, and performed a walking visual reconnaissance in accordance with the scope of services described in our proposal, revised May 11, 2011 (see Appendix A – Scope of Services).

C. SIGNIFICANT ASSUMPTIONS

This report is based on Duffield Associates' professional judgment of environmental conditions observed during our visual reconnaissance of the Property, our interpretation of the reviewed aerial photographs, historical documents, regulatory information, review of a "User Questionnaire," and previous environmental reports provided to us. Our ability to identify and assess environmental conditions, effectively, is based on assumptions that the conditions of concern were visible and the documents reviewed provide a reasonable record of historic land use and practices.

D. LIMITATIONS AND EXPECTATIONS

This report is based on Duffield Associates' professional judgment of environmental conditions observed during our visual reconnaissance of the Property, and our interpretation of the reviewed aerial photographs, historical documents, and regulatory information. While this evaluation was performed in an effort to characterize the general environmental conditions of the Property, the observations, conclusions, and recommendations are based solely on conditions encountered at the time of the reconnaissance effort. Latent conditions and other contingencies bearing upon the environmental condition of the site may be evident in the future.

E. USER RELIANCE

This report is intended for the use of PIDC as the “user” of this document. The information contained in this report may not be relied upon by any parties other than PIDC, without the prior written consent of Duffield Associates.

II. SITE DESCRIPTION

A. LOCATION AND LEGAL DESCRIPTION

According to the City of Philadelphia, Board of Revision of Taxes (BRT), the Property is approximately 0.75-acres. BRT’s summary is provided in Appendix B. The parcel, which is reported by BRT as owned by the City of Philadelphia, is located at 3033 West Glenwood Avenue, in Philadelphia, Pennsylvania (see Appendix B – Property Information).

B. SITE AND VICINITY GENERAL CHARACTERISTICS

The Property consisted of a small vegetated area and one (1), two-story building. An aerial photograph of the Property is included as Photograph 1. According to BRT’s summary, the building is approximately 35,400 square feet in area.

Areas surrounding the Property include a mix of commercial and residential properties. Based on topographic mapping, groundwater in the vicinity of the Property is anticipated to flow in a southwesterly direction toward Schuylkill River.

C. CURRENT USE OF THE PROPERTY

At the time of the site reconnaissance (June 2, 2011), the Property was vacant.

D. DESCRIPTIONS OF STRUCTURES, ROADS, AND OTHER IMPROVEMENTS ON SITE

1. STRUCTURES

One (1) free-standing structure currently is present on the Property. The two-story building is constructed of concrete and masonry. According to Sanborn Map review (see Section IV.D.), the building was constructed in 1922.

2. ROADS

Access to the Property is provided via West Glenwood Avenue.

3. HEATING AND COOLING SYSTEMS

Based on a visual review of the building, the heating systems for the building appears to be fueled by natural gas (a gas meter was observed). No functional cooling system was observed at the Property.

4. SEWAGE DISPOSAL

Sewage at the Property is conveyed off site by the Philadelphia Water Department.

5. SOURCE OF POTABLE WATER

Potable water for the buildings is provided by the Philadelphia Water Department.

E. CURRENT USE OF ADJOINING PROPERTIES

The current uses of adjoining properties include a mix of commercial and residential use to the east, south, north, and railroad tracks to the west.

III. USER-PROVIDED INFORMATION

A. TITLE RECORDS

Title records were searched regarding environmental liens and activity use limitations (AULs). The search is described in the following section (Section III. B).

B. ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

Duffield Associates' subcontractor, Fox and Sprader Enterprises, LLC (FSE), searched for environmental liens and AULs based on the Property tax parcel information. A copy of FSE's report is provided in Appendix C. These efforts did not reveal the presence of environmental liens or AULs for the Property.

C. SPECIALIZED KNOWLEDGE

Ms. Elizabeth Gabor, representative of PIDC, completed a "User Questionnaire" to support the preparation of this Phase I ESA. A copy of the questionnaire is provided as Appendix D.

D. COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

Based on information provided in the User Questionnaire, the Property has been formerly used for “industrial/manufacturing and auto uses.” According to the responses, surrounding buildings “had lead paint and asbestos issues.” Ms. Gabor indicated that rail-use occurred at the rear of the Property.

E. VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

Based on the responses provided by Ms. Gabor, the value of the Property was not reduced due to the presence of environmental issues, if any.

F. OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

Owner and Manager: City of Philadelphia

Occupants: None

G. REASON FOR PERFORMING PHASE I ESA

The purpose of the Phase I ESA is to identify potential RECs, if any, on the Property prior to potential redevelopment of the Property by a potential purchaser of redeveloper.

IV. RECORDS REVIEW

A. ENVIRONMENTAL DATABASE SEARCH

Duffield Associates reviewed an environmental database report for the Property and surrounding areas prepared by our subcontractor, Environmental Data Resources, Inc. (EDR). The report includes information gathered from environmental regulatory agency databases. The EDR report, included as Appendix E, dated June 1, 2011, presents the findings of the database search. According to the report, the Property itself was not listed on any of the environmental databases.

For surrounding properties, a summary table has been developed for sites identified within the ASTM 1527-05 prescribed search radii at equal or higher elevations than the Property. Sites that are listed at lower elevations are unlikely to impact soils or groundwater beneath the Property, and therefore, have been omitted from the summary table.

Table 1: Surrounding Facilities of Potential Environmental Concern

Regulatory Database	Search Radius (miles)	Site Name	Site Address
Federal National Priority List (NPL)	1.0	None	-
Federal Delisted NPL	0.5	None	-
Federal CERCLIS list	0.5	None	-
Federal CERCLIS No Further Remedial Action Planned	0.5	None	-
Federal RCRA Corrective Action Report (CORRACTS)	1.0	None	-
Federal RCRA non-CORRACTS TSD	0.5	None	-
Federal RCRA generators	Property and adjoining	None	-
Federal institutional control/engineering control	Property only	None	-
Federal Emergency Response Notification System	Property only	None	-
SHWS - State NPL	1.0	None	-
SHWS - State CERCLIS	0.5	None	-
State and tribal landfill and/or solid waste disposal sites	0.5	None	-
State and tribal leaking storage tank lists (LUST/LAST)	0.5	Getty 67255	1701 North 33 rd Street
		East Park Reservoir	33 rd & Montgomery Avenue
		Fire Site 331	1301 North 28 th Street
		Fleet Site 036	26 th & Master Street
State and tribal registered storage tank lists	Property and adjoining	None	-
State and tribal institutional control/engineering control	Property only	None	-
State and tribal voluntary cleanup	0.5	None	-
State and tribal Brownfield sites	0.5	None	-

Note: This table should only be referenced within the context of this report.

CERCLIS = Comprehensive Environmental Response, Compensation, and Liability Information System

RCRA = Resource Conservation Recovery Act

TSD = Treatment, Storage, and Disposal

Based on review of the facilities' locations relative to the Property, presumed groundwater flow direction, and current regulatory statuses, it is Duffield Associates' opinion that the facilities listed in the table above do not represent a potential REC to the Property.

B. ADDITIONAL ENVIRONMENTAL RECORD SOURCES

Duffield Associates also reviewed additional environmental record sources for the Property and surrounding areas prepared by EDR. Additional reviewed databases included the following:

- Local Brownfield Lists;
- Local Lists of Landfill/Solid Waste disposal Sites;
- Local Lists of Hazardous Waste/Contaminated Sites;
- Local Lists of Registered Storage Tanks;
- Local Land Records;
- Records of Emergency Release Reports; and
- EDR Historical Cleaners.

Review of the additional environmental record sources did not identify potential RECs to the Property.

C. PHYSICAL SETTING SOURCE(S)

Duffield Associates reviewed applicable maps to characterize the site regarding surface topography and soil types. The following summarizes our observations:

1. TOPOGRAPHY AND ESTIMATED GROUNDWATER FLOW

Based on the EDR report, the elevation of the Property is approximately 99 feet above mean sea level (MSL). Surface topography slopes to the west on the Property.

Excess stormwater runoff at the Property likely flows to the west. Relative shallow groundwater flow in the vicinity of the site is expected to flow southwest, toward the Schuylkill River.

2. SOILS

Based on the EDR report, site soils are mapped as urban land. Urban land consists of areas that have been filled with soil material, trash, or both. In some instances, the original soil in these areas have been covered by 18 inches to several feet of fill material that has been transported in or graded from higher areas. Urban land has variable infiltration rates.

3. FLOOD ZONES

The Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map indicates that the Property lies within the flood zone designated as "Zone X." A "Zone X" determination indicates an area determined to be outside of the 0.2% annual chance floodplain.

D. HISTORICAL USE INFORMATION ON THE PROPERTY AND ADJOINING PROPERTIES

1. AERIAL PHOTOGRAPH REVIEW

Duffield Associates reviewed aerial photographs, provided by EDR, to evaluate historical usage that may affect environmental conditions at the Property and surrounding areas. Our review included photographs from the years 1942, 1950, 1953, 1965, 1971, 1973, 1986, and 1992. These photographs have been included in Appendix F.

a. The Property

In the 1942 photograph, the Property appears to have been developed with the current building. A railroad spur is depicted to the northwest of the building. No significant changes are depicted on the 1950, 1953, 1965, 1971, and 1973 photographs. The 1986 photograph depicts vegetative growth on the northwest portion of the Property. The Property remains relatively unchanged in the 1992 aerial photograph.

b. Surrounding Areas

Areas surrounding the Property are depicted as primarily residential in the 1942 photograph. Commercial and industrial development is observed along the rail lines that run to the northwest of the Property. No significant changes are depicted on the remainder of aerial photographs reviewed.

2. SANBORN FIRE INSURANCE MAPS

Duffield Associates requested Sanborn Fire Insurance Maps (Sanborn Maps) from its subcontractor, EDR, to evaluate historical usage that may affect environmental conditions both at the Property and in surrounding areas. Sanborn Maps were provided for the following years: 1918, 1951, 1976, 1980, 1989, 2002, 2004, and 2006. A copy of each map is provided in Appendix G.

a. The Property

An office, a carpentry building, a chicken coop, and 20 garages are depicted on the Property on the 1918 map. The current building described as “Electrical Supplies Warehouse” is depicted on the 1951 map. The building is depicted as having two (2) elevators and as “Fire Proof Construction, Built 1922.” A loading platform is depicted along the northwestern side of the building. The 1976 map identifies the building as “Perry Packaging Products Inc. Division of L. Resnick & Sons Plastic Bags” and automatic sprinklers are indicated through-out the building. No significant changes are identified on the remaining maps.

b. Surrounding Areas

Review of the 1918 map indicated primarily residential and industrial development. Development includes the following: “Print Shops,” “Wagons,” and “Storage” to the north of the Property and “Motor Trucks,” “Engelside Freight Station” to the south of the Property. The “John Sartain Public School” is depicted to the southeast of the Property. The 1951 map indicated the presence two (2) garages to the north of the

Property. The 1976 map describes the former garages as “Building Contractors Warehouse and Offices.” No significant changes are depicted on the 1980, 1989, 2002, or 2004 maps. The southern-most contractor warehouse is not depicted in the 2006 map.

3. HISTORIC TOPOGRAPHIC MAPS

Duffield Associates requested historic topographic maps to evaluate historical usage that may affect environmental conditions at the Property. Historic topographic maps were provided by EDR for the following years: 1898, 1901, 1943, 1956, 1967, 1973, 1994, and 1995. A copy of each map is provided in Appendix H.

The 1898, 1901, and 1943 maps indicate development in the City of Philadelphia; however, the presence of buildings on the Property is not identified on the maps.

A railroad spur is visible on the 1956 map. No buildings are depicted on the Property on the reviewed maps.

4. CITY DIRECTORY ABSTRACT

EDR provided a report identifying past activities at the Property and surrounding addresses using available city directory data. A summary of information available for years 1920 through 2006 is provided in Appendix I.

Review of the city directory abstracts indicates that the Property address was not listed in the majority of the sources researched. However, a 1993 source, “Bell Telephone Company of Phila,” lists the address “3033 West Glenwood Avenue” as “Willie J Tucker.” Historic residential, commercial, and industrial use is identified for the surrounding properties.

The information provided by the City Directory did not reveal historic use of the Property.

The presence of a former railroad spur at the Property is a potential REC and is discussed further in Section VII. “Findings and Opinions.”

V. SITE RECONNAISSANCE

Duffield Associates’ personnel completed a reconnaissance of the Property on June 2, 2011. The walking reconnaissance consisted of a visual review of present site conditions for RECs. The following summarizes our observations of the Property and selected surrounding properties:

A. METHODOLOGY AND LIMITING CONDITIONS

The Property was reviewed visually, to the extent not obstructed by bodies of water or other obstacles, with the intent of identifying readily observable potential RECs.

B. GENERAL SITE SETTING

The Property is located in a mixed commercial and residential area of Philadelphia, Pennsylvania (see Figure 1).

C. EXTERIOR OBSERVATIONS

The building covers the majority of the Property (Photograph 1). Vegetated land is located on the western portion of the Property. The western portion of the Property was mostly inaccessible due to heavy vegetation and steep slopes. Indications of dumping (e.g., debris including tires, bituminous concrete, and concrete) were observed (Photograph 2).

D. INTERIOR OBSERVATIONS

One (1) building was observed on the Property during the site reconnaissance. The two-story building consisted of brick and concrete walls. Generally, the floors of the building consisted of concrete slabs. The building appeared to be vacant. The eastern portion of the second story was observed to have timber floors that had partially collapsed (Photograph 3). The entrance to the building is at the same level of Glenwood Avenue and is the second story, or top floor. An interior stairwell leads down to the first story (or ground floor), which contains the loading area for the rail spur.

Significant amounts of debris including ceiling tiles, walls, and automobile parts were observed on the second story of the building (Photographs 4). Four (4) garage bays were observed on the eastern portion of the second story. Eight (8), 55-gallon drums containing an apparent oily liquid were observed in the northern portion of the second story (Photograph 5). Two (2) non-functioning elevators were observed in the western portion of the building. The elevator motor room, located on the roof, was inaccessible during the site reconnaissance.

The ground floor (first story) of the building consisted of two (2) large rooms, an electric room, a boiler room, two (2) restrooms, and several storage rooms and offices. Two (2) boilers were observed in a boiler room. The boilers appeared to be connected to a natural gas line (Photograph 6). However, an apparent tank gauge was observed on the boiler room wall (Photograph 7) indicating the potential presence of a buried tank. A probe was observed to extend from the tank gauge and enter the concrete floor of the boiler room.

Three (3) apparent ventilation system motors were observed in the southern portion of the ground floor. Two (2) electrical transformers were observed in the southeastern portion of the ground floor (Photograph 8). The transformers were labeled as having a capacity of 90 gallons and appeared to be de-energized. No oil staining was observed beneath the transformers. Apparent mercury-containing switches also were observed in the building (Photograph 9).

Site reconnaissance revealed potential RECs to the Property. These concern oils potentially containing polychlorinated biphenyls (PCBs) in electrical and hydraulic equipment, mercury-containing switches, and a potential buried tank associated with a tank gauge observed in the boiler room.

VI. INTERVIEW

A. PROPERTY OWNER'S REPRESENTATIVE

On June 6, 2011, Duffield Associates conducted an interview with Ms. Lysie Solomon, Staff Engineer for the City of Philadelphia, Department of Public Property (the Department). Ms. Solomon indicated that the Department has owned the Property since 1987.

According to Ms. Solomon, previous uses of the Property are unknown. Ms. Solomon indicated that she knows of no use of hazardous substances at the Property. Ms. Solomon was unaware of any disposal activities that have occurred at the Property. Ms. Solomon indicated that no corrective actions or response activities have occurred at the Property. Ms. Solomon was unaware of any adjoining properties that have environmental concerns. Ms. Solomon was not aware of any underground storage tanks or aboveground storage tanks at the Property.

B. PROPERTY MANAGER'S REPRESENTATIVE

On June 2, 2011, Duffield Associates conducted an on-site interview with Mr. Ted Liles, a staff member of the Department. Mr. Liles indicated that the site had previously been used as a "chop shop" and night club. According to Mr. Liles, the Property is serviced by public water and sewer. Mr. Liles was unaware of any current environmental issues at the Property or at surrounding properties.

C. NEIGHBORING PROPERTY INTERVIEW

As the Property was unoccupied, Duffield Associates attempted to interview occupants of neighboring properties. No current occupants of neighboring properties were available at the time of the site reconnaissance.

D. LOCAL GOVERNMENT OFFICIALS

On June 29, 2011, Duffield Associates contacted Ms. Lynn Dorthorn with the City of Philadelphia, Department of License and Inspection. The Department of License and Inspection cleans and seals vacant buildings located in the City of Philadelphia and had reportedly performed those activities at the Property. Ms. Dorthorn directed Duffield Associates to Ms. Stephanie A. Jones with the Department of Revenue. According to Ms. Jones, License and Inspection “cleaned and sealed” the property on November 19, 2007 and September 27, 2010. Ms. Jones was unable to provide any other information concerning the Property.

VII. FINDINGS AND OPINIONS

A. RECOGNIZED ENVIRONMENTAL CONDITIONS

In general, RECs are conditions where structures, soils, groundwater, or surface water are threatened by a release, or have experienced a release, of hazardous substances or petroleum products. RECs do not include *de minimus* conditions, which generally do not present a threat to human health or the environment and generally would not be the subject of an enforcement action if brought to the attention of regulatory agencies. Several potential RECs were identified at the Property. These were:

1. Drums Containing Oils

On the second story of the building, Duffield Associates observed eight (8), 55-gallon drums that appeared to contain oily liquids. The presence of drum containing oily liquids presents a material threat of a release of petroleum to the Property. As such, it is Duffield Associates’ opinion that the presence of these drums is a REC.

2. Potential Underground Storage Tank

An apparent tank gauge and probe were observed in the boiler room on the ground floor of the building. The Department was unaware of any tanks present at the Property. The presence or absence of a tank at the Property is unknown. Accordingly, the unknown presence of a buried tank is a REC.

3. Railroad Spur

Review of historical documents indicates the presence of a railroad spur. PCBs and elevated concentrations of metals are commonly associated with railroad tracks. The presence or absence of substances of concern in soils was not confirmed as part of this Phase I ESA. The potential presence of PCBs and metals in soils in the vicinity of the railroad spur is a REC.

4. Potential PCB-Containing Equipment

Apparent out-of-use electrical transformers and elevator equipment were observed during this Phase I ESA. Electrical and hydraulic equipment have the potential to contain oils with PCBs. No oily staining was observed associated with the electrical equipment. The elevator motor room was not accessible due to the hazardous condition of the roof. The potential for releases of PCB-containing oils from transformers and elevator equipment is a REC.

5. Mercury-Containing Switches

Mercury-containing switches were observed in the building. Ampoules containing elemental mercury may characterize as hazardous waste, if tested. The presence of these mercury-containing switches represents a material threat of a release and is herein considered a REC.

B. DATA GAPS

No data gaps were identified during this assessment. Duffield Associates completed the scope of services for this Phase I ESA report.

VIII. DEVIATIONS

No deviations from the scope of services occurred during the completion of this Phase I ESA report.

IX. ADDITIONAL SERVICES

At the request of the User of this Phase I ESA report, Duffield Associates conducted an asbestos survey and lead-based paint (LBP) screening at the Property. Results are summarized below:

- Asbestos Survey – Laboratory results indicated the presence of asbestos-containing window caulking, floor tiles, and insulation at the Property. Assumed asbestos-containing materials (ACMs) include roofing materials and flue packing. Duffield Associates' asbestos survey, which includes a discussion of materials sampled, testing results, and estimated quantities of ACM, is presented in Appendix J – Asbestos Survey; and
- Lead-Based Paint Screening – Laboratory results indicate lead-based paint (LBP) is present in and on the building. Duffield Associates' LBP screening activities, which included a sampling of peeling paint chips and testing for the presence of lead, is presented in Appendix K – Lead-Paint Screening.

X. CONCLUSIONS AND RECOMMENDATIONS

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527 at 3033 West Glenwood Avenue, the Property. Any exceptions to, or deletions from, this practice are described in Section VIII of this report. This assessment has revealed no evidence of RECs in connection with the Property except for the following:

- Eight (8), 55-gallon drums are present in the building. Duffield Associates recommends sampling the liquid for disposal characterization and subsequent disposal of the drums and contents in accordance with applicable regulations;
- A potential underground storage tank is present at the Property. The tank, if present, may have supported the boilers prior to conversion to natural gas. Duffield Associates recommends assessment of the area for the presence of the tank. If present, further assessment for leakage from the tank system also is recommended. The tank assessment may include the use of geophysical methods;
- A railroad spur is present on the Property. There is the potential that the area in the vicinity of the railroad could be environmental impacted by PCBs and metals. Duffield Associates recommends sampling and analysis of the surface soils in the vicinity of the railroad spur for these potential substances of concern; and
- Mercury-containing equipment is present on the Property. Duffield Associates recommends that the switches be properly disposed under the Universal Waste requirements, as provided in Pennsylvania (25 Pa. Code Chapter 266b) and Federal (40 CFR Part 273) regulations.

The following issues are beyond the scope of “Standards and Practices for All Appropriate Inquires.” However, these are issues of potential business concern. Accordingly, Duffield Associates has provided the following recommendations:

- Apparent solid waste debris including tires, bituminous concrete, cementitious concrete, and 5-gallon buckets were observed on the vegetative portion of the Property. Duffield Associates recommends the proper disposal of the observed debris;
- ACMs were identified in the building at the Property. Duffield Associates recommends the proper removal and disposal of the identified ACM prior to disturbance of these materials as part of renovation or demolition; and
- LBP was identified in and on the building at the Property. Prior to renovations to building systems coated with LBP, contractors should be made aware of the presence of lead and follow applicable Federal Occupational Safety and Health Administrations (OSHA) regulations.

This report is based on Duffield Associates' professional judgment of environmental conditions observed during our visual reconnaissance of the Property, and our interpretation of the reviewed aerial photographs, historical documents, and regulatory information. Environmental professional qualifications are presented in Appendix L. The environmental professional statement and signature are presented in Section XII.

While this evaluation was performed in an effort to generally characterize the environmental conditions of the Property, the observations, conclusions, and recommendations are based solely on conditions encountered at the time of the reconnaissance effort. Latent conditions and other contingencies bearing upon the environmental condition of the site may be evident in the future.

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XI. REFERENCES

1. U.S. Geological Survey Topographic Map, 7.5 Minute Series, Philadelphia, Pennsylvania 1995.
2. Federal Emergency Management Agency (FEMA), January 17, 2007. Flood Insurance Rate Map, City of Philadelphia, Philadelphia County, Map No. 4207570181G.

XII. SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of the United States Environmental Protection Agency's "Standards and Practices for All Appropriate Inquiries" Code of Federal Regulations Title 40, Part 312 (40CFR Part 312). I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40CFR Part 312.



Jennifer L. Gresh, P.G.
Environmental Professional

FIGURE



NOTE:

THIS SITE LOCATION SKETCH IS ADAPTED FROM THE U.S.G.S. TOPOGRAPHIC MAP, 7.5 MINUTE SERIES, FOR PHILADELPHIA, PENNSYLVANIA - NEW JERSEY 1995.

DATE:
24 JUNE 2010

SCALE:
1"=1000'

PROJECT NO.
8165.EG

SHEET:
FIGURE 1

SITE LOCATION SKETCH

3033 WEST GLENWOOD AVENUE

PHILADELPHIA ~ PENNSYLVANIA

DESIGNED BY: BJS

DRAWN BY: BJS

CHECKED BY: 

FILE: A-8165EG-01

DUFFIELD ASSOCIATES

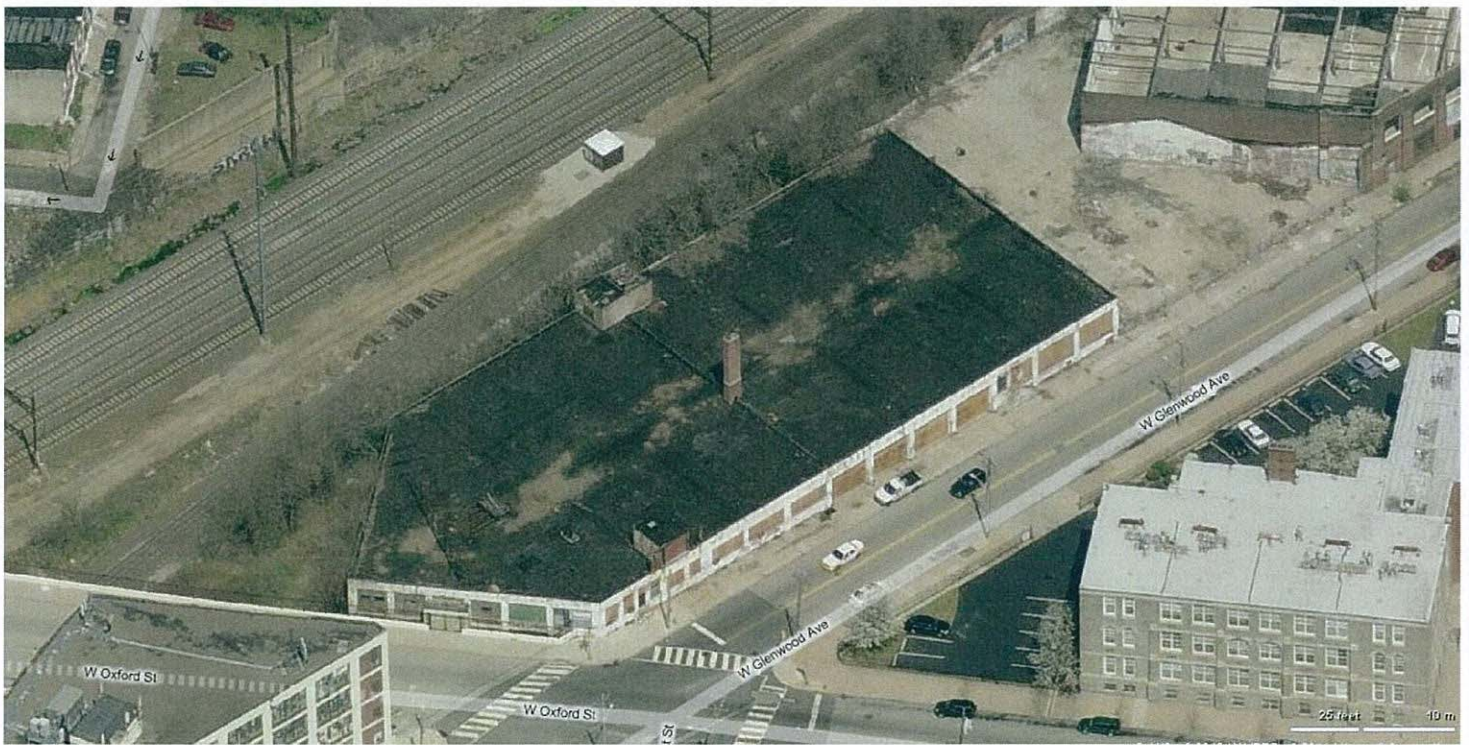
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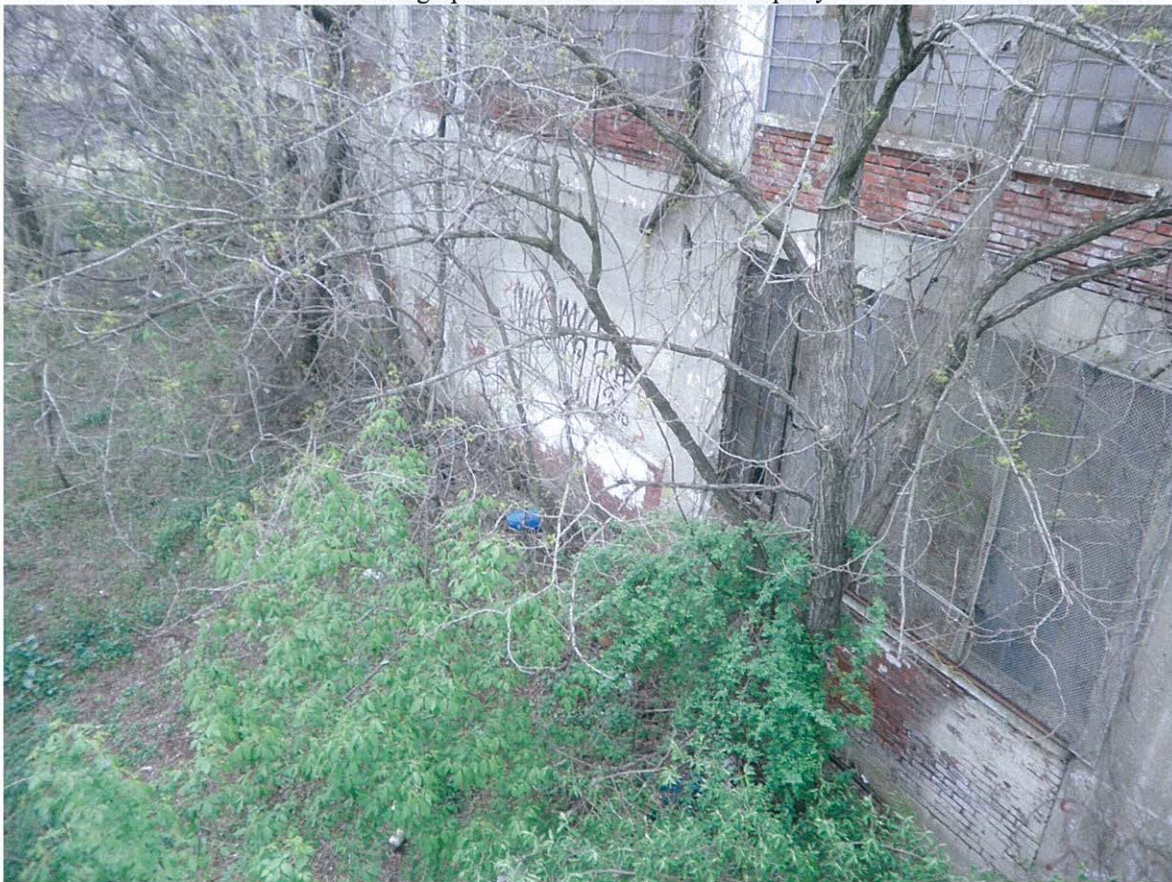
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PHOTOGRAPHS (9)



Photograph 1 – Aerial View of the Property



Photograph 2 – Debris

**3033 WEST GLENWOOD AVENUE
PHILADELPHIA, PENNSYLVANIA**



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Project No. 8165.EG

Date: June 24, 2011



Photograph 3 – Collapsed Floor



Photograph 4 – Automobile Parts

**3033 WEST GLENWOOD AVENUE
PHILADELPHIA, PENNSYLVANIA**



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ASSOCIATES**
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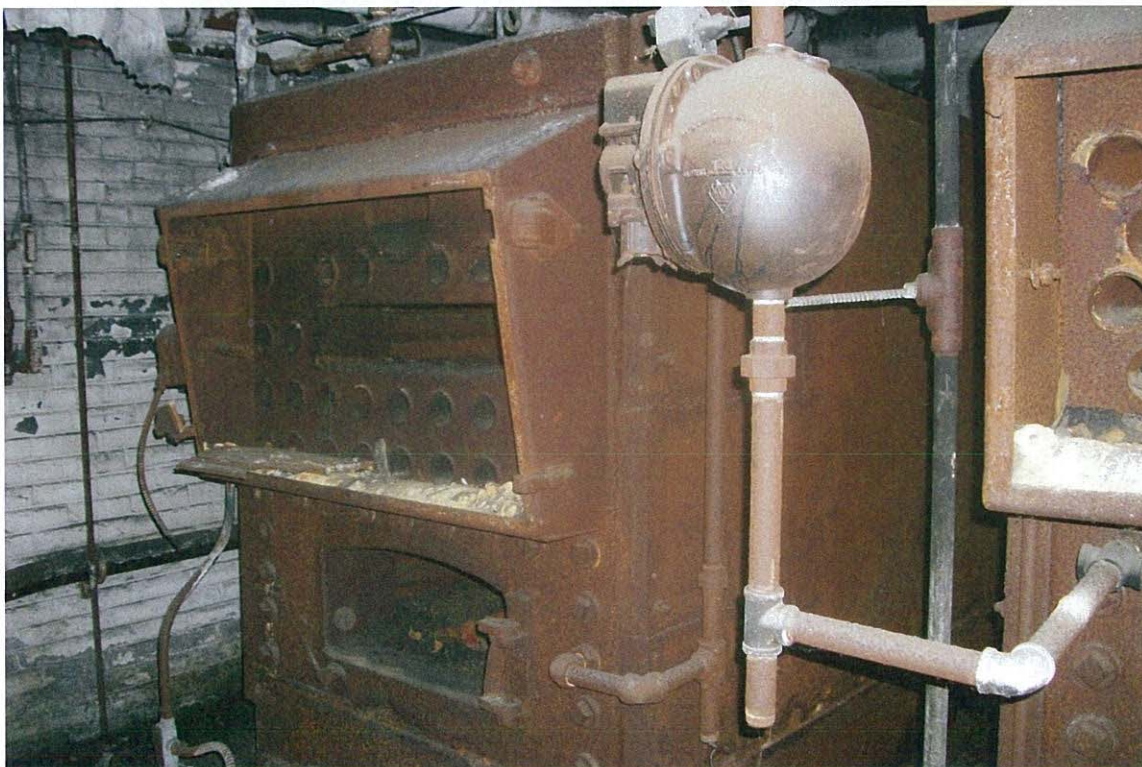
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Photograph 5 – 55-Gallon Drum Containing Oily Liquid



Photograph 6 – Boilers

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Photograph 7 – Apparent Tank Gauge



Photograph 8 – Electrical Transformer

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PHILADELPHIA, PENNSYLVANIA**



**DUFFIELD
ASSOCIATES**
Consultants in the Geosciences

5400 Limestone Road
Wilmington, Delaware 19808
Tel: (302) 239-6634 Fax: (302) 239-8485
E-MAIL: duffield@duffinet.com

Project No. 8165.EG

Date: June 24, 2011



Photograph 9 – Mercury Switch

**3033 WEST GLENWOOD AVENUE
PHILADELPHIA, PENNSYLVANIA**



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Project No. 8165.EG

Date: June 24, 2011

APPENDIX A

SCOPE OF SERVICES

SCOPE OF SERVICES

1. **Property Interviews.** Seek interviews with the current owners and occupants. In the case of multiple occupants, we will seek to interview the major occupants and those likely, in our opinion, to have environmental issues. Interviews with at least one of the following will also be sought: current or past facility manager; past owners, occupants, or operators; or employees of current and past occupants. For certain abandoned properties, interviews may be sought from one or more owners or occupants of neighboring properties. A reasonable attempt will be made to perform interviews during the site reconnaissance or by telephone.
2. **Historical Sources.** Search for up to two (2) historical sources, usually aerial photographic records and historical fire insurance or topographic maps. If available, the historical data will help us evaluate the likelihood that past usage of the Property and the surrounding area may have lead to recognized environmental conditions (RECs). Environmental Data Resources, Inc. (EDR), our subcontractor, will search for historical maps and provide copies of the available maps.
3. **Government Records.** Review information supplied by our subcontractor, EDR, gathered from State and Federal environmental regulatory agency databases for the Property and surrounding area.
4. **Government Interviews.** Interview local, State, or Federal government officials, at Duffield Associates' discretion, if the Property is listed on the reviewed government records. The purpose of such interviews would be to discuss RECs and the current regulatory status of those conditions. In some cases, the reviewed records may be sufficient to render interviews unnecessary or unproductive, in our opinion. In such cases, interviews would not be conducted.
5. **Physical Setting.** Review a United States Geological Survey topographic map (or equivalent) to help evaluate probable drainage patterns and potential for historic off-site activities to affect environmental conditions on the Property.
6. **Site Reconnaissance.** The outdoor portions of the Property will be visually reviewed, to the extent not obstructed by bodies of water, adjacent buildings, or other obstacles, with the intent of identifying readily observable potential RECs. If buildings are present, Duffield Associates will conduct a visual review of a representative number of rooms in the interior of on-site structures, including apparent maintenance rooms, utility rooms, or storage areas, for indications of hazardous substance use, petroleum use, and pathways by which such materials could enter the environment exterior to the buildings.
7. **Verbal Report.** Contact you following completion of the field work to discuss our findings and/or notify you of conditions that, in our opinion, may warrant further evaluation or exploration.
8. **Written Report.** Prepare and provide two (2) copies of a final report summarizing the information gathered during the Phase I ESA described above, and our conclusions and recommendations regarding indicated environmental conditions at the Property.

APPENDIX B

PROPERTY INFORMATION



The Office of Property Assessment

Property Location	
Address:	3033-65 W GLENWOOD AVE
Unit Number:	
Zip Code:	19121-2511
Zoning:	G2
Zoning Description:	Heavy Industrial

Owner Information	
Owner(s):	CITY OF PHILA
Account Number:	884460505
Mailing Address:	CITY OF PHILA, 1030 M S B PHILADELPHIA PA, 19102-1610

Property Characteristics	
Land Area:	32792.84 SqFt
Improvement Description:	IND.WHSE MASONRY
Improvement Area:	35400 SqFt
Beginning Point:	NWC OXFORD
Exterior Condition:	Vacant

Certified Values for 2011	
Market Value:	\$313,700
Assessed Land (Taxable):	\$0
Assessed Improvement (Taxable):	\$0
Assessed Land (Exempt):	\$29,964
Assessed Improvement (Exempt):	\$70,420
Total Assessment:	\$100,384

Sale Information	
Sale Date:	12/3/1987
Sale Price:	\$1
Tax Information	
Real Estate Tax:	\$0.00

Certified Values							
Year	Market Value	Assessed Land (Taxable)	Assessed Land (Exempt)	Assessed Improvement (Taxable)	Assessed Improvement (Exempt)	Total Assessment	Gross Tax
2011	\$313,700	\$0	\$29,964	\$0	\$70,420	\$100,384	\$0.00
2010	\$313,700	\$0	\$29,964	\$0	\$70,420	\$100,384	\$0.00
2009	\$313,700	\$0	\$29,964	\$0	\$70,420	\$100,384	\$0.00
2008	\$313,700	\$0	\$29,964	\$0	\$70,420	\$100,384	\$0.00
2007	\$313,700	\$0	\$29,964	\$0	\$70,420	\$100,384	\$0.00
2006	\$313,700	\$0	\$29,964	\$0	\$70,420	\$100,384	\$0.00
2005	\$313,700	\$0	\$29,964	\$0	\$70,420	\$100,384	\$0.00

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APPENDIX C

ENVIRONMENTAL LIEN SEARCH



****ENVIRONMENTAL LIEN SEARCH****

June 2, 2011

Mr. Brad Summerville
Duffield Associates, Inc.
5400 Limestone Road
Wilmington, Delaware 19808

RE: 8165.EG/PHILADELPHIA, PENNSYLVANIA

Dear Mr. Summerville:

RMS has completed the Environmental Lien search on City of Philadelphia, located at 3033 West Glenwood Avenue, Philadelphia, Pennsylvania 19121.

Should you have any questions or require further assistance, please contact your sales representative at (888) 306-0004.

Sincerely,

Vicki Rogerson
Title Analyst
(504) 831-1156, ext. 118
FSE File No. 104924

RISK MANAGEMENT SEARCH RESULTS

ENVIRONMENTAL LIENS

**Subject: CITY OF PHILADELPHIA
3033 WEST GLENWOOD AVENUE
PHILADELPHIA, PENNSYLVANIA 19121**

Public records on the subject real property identified above revealed the following information effective to May 22, 2011:

ASSESSMENT

Location: Philadelphia County

**Land/Description: Parcel of Land
Parcel No.884460505**

DEEDS

1
Grantee(s): The City of Philadelphia
(Buyer)

Grantor(s): Betty Elizabeth Resnick Pollow and Edward N. Polisher, surviving
(Seller) executors under the will of Joseph C. Resnick, deceased

Conveys: Parcel of Land

Date Executed: December 3, 1987
Date Recorded: December 15, 1987
DBV/PG: 953/417

EXAMINER'S NOTE

Public Records of Philadelphia County, Pennsylvania were searched from December 15, 1987 to May 22, 2011, and no other deeds vesting title in the subject property were found of record during the period searched.

ENVIRONMENTAL LIENS

Public Records of Philadelphia County, Pennsylvania were searched from December 15, 1987 to May 22, 2011, and no environmental liens on the subject property were found of record during the period searched.

AUL'S

Public Records of Philadelphia County, Pennsylvania were searched from December 15, 1987 to May 22, 2011, and no activity or use limitations on the subject property were found of record during the period searched.

GENERAL COMMENTS

This concludes the investigation on the above captioned. Again, should you have any questions, please feel free to contact your sales representative, (504) 831-1156.

DISCLAIMER

FSE RMS is a licensed and a registered legal entity in the State of Louisiana. FSE/RMS reports contain public record information, which its accuracy cannot be guaranteed. FSE/RMS follows all regulated Federal and State laws. This report should not be interpreted to qualify for any credit, insurance or employment decisions pertaining to the Fair Credit Reporting Act (15 USC 1681, et seq). This report should not be considered a certificate or guarantee of title. Therefore, the company's liability to this report extends only to the fee charged therefore.

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APPENDIX D

USER QUESTIONNAIRE

Site Name: 3033
Glenwood

Page 1 of 2

User Questionnaire

Completion of this questionnaire is required for successful completion of the Phase I Environmental Site Assessment (ESA). If this questionnaire is not provided by the intended user of the Phase I ESA, the report will be considered incomplete.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under local, State, or Federal law?

No

2. Are you aware of any engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded under local, State, or Federal law?

No

3. As the user of this Phase I ESA, do you have any specialized knowledge of the Property or the surrounding properties? For example, are you involved in the same line of business as the current or former occupants of the property or adjoining properties so that you would have specialized knowledge of the chemicals and processes used by this type of business.

No. Surrounding former industrial uses like ^{Red} Bell Brewery etc
had lead paint, asbestos issues.

4. Does the purchase price for the property reasonably reflect the fair market value of the property? If there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

Property is being leased

5. Are you aware of commonly known or reasonable ascertainable information regarding the property that would help the environmental professional identify conditions indicative of releases or threatened releases? For example,

- a. Do you know the past uses of the property?

Former industrial/manufacturing & auto uses.

- b. Do you know of specific chemicals that are present or once were present at the property?

No

- c. Do you know of spills or other chemical releases that have taken place at the property?

No

- d. Do you know of any environmental cleanups that have taken place at the property?

No

6. As the user of this Phase I ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

Asbestos + lead paint. rail use at rear of property.

If available: Please provide additional contact information of owners and/or operators of the property that may be useful in providing insight to the historical uses of the property.

Contact Information:	<u>Owner</u>	<u>Operator</u>
Name:	<u>Liz Gabor</u>	<u></u>
Phone number:	<u>215-496-8142</u>	<u></u>
Address:	<u>1500 Market St</u>	<u></u>
	<u>Jc 2600 West</u>	<u></u>
Other (fax, email,...)	<u>Phila PA 19102</u>	<u></u>
	<u></u>	<u></u>
	<u></u>	<u></u>

User Answering Questions On This Form:

E. Gabor
(Signature)

Elizabeth A Gabor
(Please Print Name & Title)

Company User Represents:

Date:

6/7/11

APPENDIX E

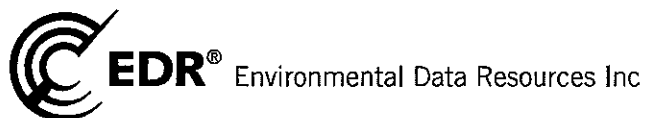
EDR REPORT

Glenwood Site

3033 Glenwood Avenue
Philadelphia, PA 19121

Inquiry Number: 3083604.2s
June 01, 2011

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

3033 GLENWOOD AVENUE
PHILADELPHIA, PA 19121

COORDINATES

Latitude (North):	39.981400 - 39° 58' 53.0"
Longitude (West):	75.185200 - 75° 11' 6.7"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	484186.7
UTM Y (Meters):	4425499.0
Elevation:	99 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	39075-H2 PHILADELPHIA, PA
Most Recent Revision:	1995

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	No Photo Available
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

SHWS..... Hazardous Sites Cleanup Act Site List
HSCA..... HSCA Remedial Sites Listing

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Operating Facilities

State and tribal leaking storage tank lists

LAST..... Storage Tank Release Sites
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST..... Listing of Pennsylvania Regulated Underground Storage Tanks
AST..... Listing of Pennsylvania Regulated Aboveground Storage Tanks
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Engineering Controls Site Listing

EXECUTIVE SUMMARY

INST CONTROL..... Institutional Controls Site Listing
AUL..... Environmental Covenants Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Sites

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODL..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
HIST LF..... Abandoned Landfill Inventory
INDIAN ODL..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

ARCHIVE AST..... Archived Aboveground Storage Tank Sites

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System
ACT 2-DEED..... Act 2-Deed Acknowledgment Sites

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... State spills

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System

EXECUTIVE SUMMARY

TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
UIC.....	Underground Injection Wells
NPDES.....	NPDES Permit Listing
DRYCLEANERS.....	Drycleaner Facility Locations
AIRS.....	Permit and Emissions Inventory Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH DOE.....	Sleam-Electric Plan Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants
 EDR Historical Auto Stations.. EDR Proprietary Historic Gas Stations

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a

EXECUTIVE SUMMARY

recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 02/25/2011 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HALPERN & STERN INC	3132 WEST THOMPSON STRESSW 1/4 - 1/2 (0.348 mi.)	D21	21	

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/11/2011 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WALLACE LEISURE PRODUCTS	31ST & JEFFERSON ST	SSW 1/8 - 1/4 (0.144 mi.)	3	9

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Resources' List of Confirmed Releases.

A review of the LUST list, as provided by EDR, and dated 03/07/2011 has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GETTY 67255 Facility Status: Cleanup Completed	1701 N 33RD ST	WNW 1/8 - 1/4 (0.188 mi.)	A10	15
EAST PARK RESERVOIR Facility Status: Administrative Close Out (ACO)	33RD & MONTGOMERY AVE	NW 1/8 - 1/4 (0.243 mi.)	17	20
FIRE SITE 331 Facility Status: Cleanup Completed	1301 N 28TH ST	SSE 1/4 - 1/2 (0.414 mi.)	22	24
FLEET SITE 036 Facility Status: Inactive Facility Status: Inactive	26TH & MASTER	SE 1/4 - 1/2 (0.481 mi.)	23	25

EXECUTIVE SUMMARY

UNREG LTANKS: Leaking storage tank cases from unregulated storage tanks.

A review of the UNREG LTANKS list, as provided by EDR, and dated 04/12/2002 has revealed that there are 4 UNREG LTANKS sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARDEX LABS	3060 W JEFFERSON ST	S 1/8 - 1/4 (0.150 mi.)	5	10
ACME MKT DISTR CTR DC 4 Closed: 4/6/1994	3000 W MASTER ST	S 1/4 - 1/2 (0.252 mi.)	18	20
ACME MKT DISTR CTR DC 4 Closed: 4/10/1996	31ST & THOMPSON ST	S 1/4 - 1/2 (0.328 mi.)	19	20
HALPERN	3132 W THOMPSON	SSW 1/4 - 1/2 (0.348 mi.)	D20	21

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Sites List.

A review of the VCP list, as provided by EDR, and dated 04/26/2010 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
THORTON STABLE PROP	1408-1424 N 31ST ST	S 1/8 - 1/4 (0.228 mi.)	C15	18

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

ARCHIVE UST: The list includes tanks storing highly hazardous substances that were removed from the DEP's Storage Tank Information database because of the Department's policy on sensitive information. The list also may include tanks that are removed or permanently closed.

A review of the ARCHIVE UST list, as provided by EDR, and dated 03/01/2011 has revealed that there are 2 ARCHIVE UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GETTY 67255	1701 N 33RD ST	WNW 1/8 - 1/4 (0.188 mi.)	A9	14
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMER QUAKER WAREHOUSE	1429-1443 N 32ND ST	SSW 1/8 - 1/4 (0.219 mi.)	13	16

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA)

EXECUTIVE SUMMARY

of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 03/11/2011 has revealed that there are 3 RCRA-NonGen sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>INTEGRITY CHEMICAL CORP</i>	<i>3025 W JEFFERSON ST</i>	<i>SSE 1/8 - 1/4 (0.157 mi.)</i>	<i>6</i>	<i>11</i>
<i>SAFEGUARD DISPOSAL SERVICES IN</i>	<i>1415 NORTH 31ST STREET</i>	<i>S 1/8 - 1/4 (0.223 mi.)</i>	<i>C14</i>	<i>17</i>
<i>ACME MARKETS INCORPORATED</i>	<i>NORTH 31ST STREET AT WE</i>	<i>S 1/8 - 1/4 (0.234 mi.)</i>	<i>16</i>	<i>18</i>

MANIFEST: Hazardous waste manifest information.

A review of the MANIFEST list, as provided by EDR, and dated 12/31/2008 has revealed that there is 1 MANIFEST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CITY OF PHILADELPHIA STREETS D	3100 W GLENWOOD AVE	SSW 0 - 1/8 (0.043 mi.)	1	7

EDR PROPRIETARY RECORDS

EDR Proprietary Records

EDR Historical Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

A review of the EDR Historical Cleaners list, as provided by EDR, has revealed that there are 6 EDR Historical Cleaners sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SHOTKIN BARNEY	1704 N 31ST ST	N 0 - 1/8 (0.081 mi.)	2	9
DAVIS HARRY L	2917 W COLUMBIA AVE	ENE 1/8 - 1/4 (0.144 mi.)	4	10
SPEAR ABRAHAM	1802 N 31ST ST	N 1/8 - 1/4 (0.166 mi.)	7	13
HO CHAS	1823 N 31ST ST	N 1/8 - 1/4 (0.202 mi.)	B11	15
JUNG HARRY	1824 N 31ST ST	N 1/8 - 1/4 (0.210 mi.)	B12	15
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MC CALL HENRY	2901 W COLUMBIA AVE	E 1/8 - 1/4 (0.176 mi.)	8	13

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

<u>Site Name</u>	<u>Database(s)</u>
SEPTA - POWELTON RAILYARD	CERCLIS-NFRAP
AMTRAK 30TH STREET	CERCLIS-NFRAP
SEPTA SITE	CERCLIS-NFRAP
PEP BOYS STORE #56	VCP
SPRINGMILL ENTERPRISES	FINDS,RCRA-NLR
ROBERTS VAUX JR HIGH	FINDS,RCRA-CESQG
PHILA SCHOOL DISTRICT	FINDS,RCRA-CESQG
RHODES, E WASHINGTON MIDDLE	FINDS,RCRA-CESQG
ACROSS FROM 3632 WHARTON ST. (NEAR	ERNS
BELFIELD AVE. SITE (PRIOR EPA REMO	ERNS
EDEN HALL SITE	ERNS
FALKENSTEIN SITE BLDG.	ERNS
NEXT DOOR TO PUBLICKER SITE	ERNS
PETROLEUM TANK FARM SITE	ERNS
PUBLICKER SITE (NPL) DELAWARE AVEN	ERNS
PUBLICKER S.F. SITE	ERNS
PUBLICKER SITE	ERNS
@ PUBLICKER NPL SITE	ERNS
PUBLICKER SITE	ERNS
AT THE PLANT SITE	ERNS

OVERVIEW MAP - 3083604.2s



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

▨ National Priority List Sites

▨ Dept. Defense Sites

▨ Indian Reservations BIA

▨ Power transmission lines

▨ Oil & Gas pipelines

▨ 100-year flood zone

▨ 500-year flood zone

▨ National Wetland Inventory

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Glenwood Site
ADDRESS: 3033 Glenwood Avenue
Philadelphia PA 19121
LAT/LONG: 39.9814 / 75.1852

CLIENT: Duffield Associates, Inc.
CONTACT: Brad Summerville
INQUIRY #: 3083604.2s
DATE: June 01, 2011 12:04 pm

DETAIL MAP - 3083604.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ▲ Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Glenwood Site
 ADDRESS: 3033 Glenwood Avenue
 Philadelphia PA 19121
 LAT/LONG: 39.9814 / 75.1852

CLIENT: Duffield Associates, Inc.
 CONTACT: Brad Summerville
 INQUIRY #: 3083604.2s
 DATE: June 01, 2011 12:05 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		0.500	0	0	1	NR	NR	1
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		1.000	0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	1	NR	NR	NR	1
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
SHWS		1.000	0	0	0	0	NR	0
HSCA		1.000	0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF		0.500	0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST		0.500	0	2	2	NR	NR	4
UNREG LTANKS		0.500	0	1	3	NR	NR	4
LAST		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
State and tribal registered storage tank lists								
UST		0.250	0	0	NR	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
AUL		0.500	0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP		0.500	0	1	0	NR	NR	1
INDIAN VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
HIST LF		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
ARCHIVE UST		0.250	0	2	NR	NR	NR	2
ARCHIVE AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
ACT 2-DEED		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	0	3	NR	NR	NR	3

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
MANIFEST		0.250	1	0	NR	NR	NR	1
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	1.000	0	0	0	0	NR	NR	0
EDR Historical Auto Stations	0.250	0	0	NR	NR	NR	NR	0
EDR Historical Cleaners	0.250	1	5	NR	NR	NR	NR	6

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1
SSW
< 1/8
0.043 mi.
224 ft.

CITY OF PHILADELPHIA STREETS DEPT
3100 W GLENWOOD AVE
PHILA, PA 0

MANIFEST S108850354
N/A

Relative:
Equal

Actual:
99 ft.

PA MANIFEST:

Manifest Number: 000219703FLE
Manifest Type: T
Generator Epa Id: PADEP0013241
Generator Date: 11/30/06
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD Epa Id: NJD002200046
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 217 SOUTH FIRST STREET
TSD Facility City: ELIZABETH
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D001
Container Number: 15
Container Type: Metal drums, barrels, kegs
Waste Quantity: 950
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Manifest Number: 000219703FLE
Manifest Type: T
Generator Epa Id: PADEP0013241
Generator Date: 11/30/06
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD Epa Id: NJD002200046
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 217 SOUTH FIRST STREET
TSD Facility City: ELIZABETH
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 2
Waste Number: D001
Container Number: 3
Container Type: Metal drums, barrels, kegs
Waste Quantity: 250
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF PHILADELPHIA STREETS DEPT (Continued)

S108850354

Manifest Number: 000219703FLE
Manifest Type: T
Generator Epa Id: PADEP0013241
Generator Date: 11/30/06
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD Epa Id: NJD002200046
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 217 SOUTH FIRST STREET
TSD Facility City: ELIZABETH
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 3
Waste Number: NONE
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 300
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Manifest Number: 000219703FLE
Manifest Type: T
Generator Epa Id: PADEP0013241
Generator Date: 11/30/06
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD Epa Id: NJD002200046
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 217 SOUTH FIRST STREET
TSD Facility City: ELIZABETH
TSD Facility State: NJ
Facility Telephone: Not reported
Page Number: 1
Line Number: 4
Waste Number: NONE
Container Number: 3
Container Type: Metal drums, barrels, kegs
Waste Quantity: 250
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

2 SHOTKIN BARNEY EDR Historical Cleaners 1009196426
North 1704 N 31ST ST N/A
< 1/8 PHILADELPHIA, PA
0.081 mi.
430 ft.

Relative: EDR Historical Cleaners:
Equal Name: SHOTKIN BARNEY
Year: 1930
Actual: Type: CLEANERS GARMENTS CURTAINS AND DRAPERIES
99 ft.

3 WALLACE LEISURE PRODUCTS RCRA-SQG 1000275777
SSW 31ST & JEFFERSON ST FINDS PAD002298040
1/8-1/4 PHILADELPHIA, PA 19121
0.144 mi.
759 ft.

Relative: RCRA-SQG:
Lower Date form received by agency: 12/29/2006
Facility name: WALLACE LEISURE PRODUCTS
Actual: Facility address: 31ST & JEFFERSON ST
77 ft. PHILADELPHIA, PA 19121
EPA ID: PAD002298040
Contact: Not reported
Contact address: Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 03
Land type: Other land type
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 08/02/1989
Facility name: WALLACE LEISURE PRODUCTS
Classification: Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALLACE LEISURE PRODUCTS (Continued)

1000275777

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 12/28/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110001117728

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

4
ENE
1/8-1/4
0.144 mi.
762 ft.

DAVIS HARRY L
2917 W COLUMBIA AVE
PHILADELPHIA, PA

EDR Historical Cleaners 1009202167
N/A

Relative:
Equal

Actual:
99 ft.

EDR Historical Cleaners:
Name: DAVIS HARRY L
Year: 1920
Type: LAUNDRIES

5
South
1/8-1/4
0.150 mi.
790 ft.

ARDEX LABS
3060 W JEFFERSON ST
PHILADELPHIA, PA

UNREG LTANKS S105919469
N/A

Relative:
Lower

Actual:
77 ft.

UNREG LTANKS:
Region: South East
Contaminant: FUEL OIL #2
Closed: Not reported
Class: Cleanup of Tanks using authorities other than Act 32

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

6
SSE
1/8-1/4
0.157 mi.
830 ft.

INTEGRITY CHEMICAL CORP
3025 W JEFFERSON ST
PHILADELPHIA, PA 19121

RCRA-NonGen
FINDS 1000202590
PAD096216304

Relative:
Lower

Actual:
78 ft.

RCRA-NonGen:

Date form received by agency: 11/19/1980
Facility name: INTEGRITY CHEMICAL CORP
Facility address: 3025 W JEFFERSON ST
PHILADELPHIA, PA 19121
EPA ID: PAD096216304
Contact: NORMAN GOVER
Contact address: 3025 W JEFFERSON ST
PHILADELPHIA, PA 19121
Contact country: US
Contact telephone: (215) 235-7765
Contact email: Not reported
EPA Region: 03
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: Not reported
Owner/operator address: OWNERSTREET
OWNERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: (215) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, AK 99999
Owner/operator country: Not reported
Owner/operator telephone: (215) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEGRITY CHEMICAL CORP (Continued)

1000202590

Used oil transporter: No

Hazardous Waste Summary:

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F004
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: K049
Waste name: SLOP OIL EMULSION SOLIDS FROM THE PETROLEUM REFINING INDUSTRY

Waste code: K050

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEGRITY CHEMICAL CORP (Continued)

1000202590

Waste name: HEAT EXCHANGER BUNDLE CLEANING SLUDGE FROM THE PETROLEUM REFINING INDUSTRY

Waste code: K051

Waste name: API SEPARATOR SLUDGE FROM THE PETROLEUM REFINING INDUSTRY

Waste code: K052

Waste name: TANK BOTTOMS (LEADED) FROM THE PETROLEUM REFINING INDUSTRY

Violation Status: No violations found

FINDS:

Registry ID: 110004847373

Environmental Interest/Information System

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7
North
1/8-1/4
0.166 mi.
878 ft.

SPEAR ABRAHAM
1802 N 31ST ST
PHILADELPHIA, PA

EDR Historical Cleaners 1009199818
N/A

Relative:
Higher

EDR Historical Cleaners:

Name: SPEAR ABRAHAM

Year: 1920

Actual:
104 ft.

Type: LAUNDRIES

8
East
1/8-1/4
0.176 mi.
930 ft.

MC CALL HENRY
2901 W COLUMBIA AVE
PHILADELPHIA, PA

EDR Historical Cleaners 1009196067
N/A

Relative:
Lower

EDR Historical Cleaners:

Name: MC CALL HENRY

Year: 1930

Actual:
97 ft.

Type: CLEANERS GARMENTS CURTAINS AND DRAPERIES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A9
WNW
1/8-1/4
0.188 mi.
991 ft.
GETTY 67255
1701 N 33RD ST
PHILADELPHIA, PA 19121
Site 1 of 2 in cluster A

ARCHIVE UST
U004061193
N/A

Relative:
Higher

ARCHIVE UST:

Facility Id: Not reported
Site ID: 586725
Owner Id: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,St,Zip: Not reported
Owner Phone: Not reported
County Code: Not reported
Resp Party Name: GETTY PETRO MKT INC
RP Address: 2520 LITITZ PIKE
RP Address 2: Not reported
RP City,St,Zip: NEFFSVILLE, PA 17601
Region Code: 4100
Region Code Name: EP SE Rgnl Off
Regulated Expire Date: 2008-02-04

Actual:
111 ft.

Tank Sequence #: 001
Tank Code: UST
Tank Id: Not reported
Other Id: 51-23883
Client Date: 186021
Install Date: 1983-05-01
Substance: GAS
Status: NEFFSVILLE, PA 17601
Capacity: 8000
Municipality: Philadelphia
Inspection Code: FOI
Last Inspection: 2006-05-18
Status Code End Date: Not reported
Tank Substance End Date: Not reported

Tank Sequence #: 003
Tank Code: UST
Tank Id: Not reported
Other Id: 51-23883
Client Date: 186021
Install Date: 1983-05-01
Substance: GAS
Status: NEFFSVILLE, PA 17601
Capacity: 8000
Municipality: Philadelphia
Inspection Code: FOI
Last Inspection: 2006-05-18
Status Code End Date: Not reported
Tank Substance End Date: Not reported

Tank Sequence #: 002
Tank Code: UST
Tank Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GETTY 67255 (Continued)

U004061193

Other Id: 51-23883
Client Date: 186021
Install Date: 1983-05-01
Substance: GAS
Status: NEFFSVILLE, PA 17601
Capacity: 8000
Municipality: Philadelphia
Inspection Code: FOI
Last Inspection: 2006-05-18
Status Code End Date: Not reported
Tank Substance End Date: Not reported

A10
WNW
1/8-1/4
0.188 mi.
991 ft.

GETTY 67255
1701 N 33RD ST
PHILADELPHIA, PA

LUST S109261694
N/A

Site 2 of 2 in cluster A

Relative:
Higher

LUST:

Region: LUST
Facility Id: 51-23883
Facility Address2: Not reported
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: Cleanup Completed
Status Date: 10/30/2007
Release Date: 05/16/2007
Source Cause Desc: Dispenser/Dispensing Equip.

Actual:
111 ft.

B11
North
1/8-1/4
0.202 mi.
1068 ft.

HO CHAS
1823 N 31ST ST
PHILADELPHIA, PA

EDR Historical Cleaners 1009197705
N/A

Site 1 of 2 in cluster B

Relative:
Higher

EDR Historical Cleaners:

Name: HO CHAS
Year: 1930
Type: LAUNDRIES CHINESE

Actual:
106 ft.

B12
North
1/8-1/4
0.210 mi.
1111 ft.

JUNG HARRY
1824 N 31ST ST
PHILADELPHIA, PA

EDR Historical Cleaners 1009198222
N/A

Site 2 of 2 in cluster B

Relative:
Higher

EDR Historical Cleaners:

Name: JUNG HARRY
Year: 1930
Type: LAUNDRIES CHINESE

Actual:
107 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

13
SSW
1/8-1/4
0.219 mi.
1157 ft.

FORMER QUAKER WAREHOUSE
1429-1443 N 32ND ST
PHILADELPHIA, PA 19121

ARCHIVE UST
U004117910
N/A

Relative:
Lower

ARCHIVE UST:

Facility Id: Not reported
Site ID: 699424
Owner Id: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,St,Zip: Not reported
Owner Phone: Not reported
County Code: Not reported
Resp Party Name: WESTRUM BT2 LP
RP Address: 370 COMMERCE DR
RP Address 2: Not reported
RP City,St,Zip: FORT WASHINGTON, PA 19034
Region Code: 4100
Region Code Name: EP SE Rgnl Off
Regulated Expire Date: 2/4/2009

Tank Sequence #: 001
Tank Code: UST
Tank Id: Not reported
Other Id: 51-39701
Client Date: 260715
Install Date: Not reported
Substance: GAS
Status: FORT WASHINGTON, PA 19034
Capacity: 1000
Municipality: Philadelphia
Inspection Code: FOI
Last Inspection: Not reported
Status Code End Date: Not reported
Tank Substance End Date: Not reported

Tank Sequence #: 002
Tank Code: UST
Tank Id: Not reported
Other Id: 51-39701
Client Date: 260715
Install Date: Not reported
Substance: GAS
Status: FORT WASHINGTON, PA 19034
Capacity: 2000
Municipality: Philadelphia
Inspection Code: FOI
Last Inspection: Not reported
Status Code End Date: Not reported
Tank Substance End Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

C14 SAFEGUARD DISPOSAL SERVICES INC
South 1415 NORTH 31ST STREET
1/8-1/4 PHILADELPHIA, PA 19121
0.223 mi.
1175 ft. Site 1 of 2 in cluster C

RCRA-NonGen 1000202692
FINDS EPA ID Number
PAD980550602

Relative:
Lower

RCRA-NonGen:

Date form received by agency: 04/23/1982

Facility name: SAFEGUARD DISPOSAL SERVICES INC

Facility address: 1415 NORTH 31ST STREET

PHILADELPHIA, PA 19121

EPA ID: PAD980550602

Mailing address: 1415 NORTH 31ST ST

PHILADELPHIA, PA 19121

Contact: JAMES HARMON

Contact address: 1415 NORTH 31ST STREET

PHILADELPHIA, PA 19121

Contact country: US

Contact telephone: (215) 232-4999

Contact email: Not reported

EPA Region: 03

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
70 ft.

Owner/Operator Summary:

Owner/operator name: CORPORATION

Owner/operator address: OWNERSTREET

OWNERCITY, AK 99999

Owner/operator country: Not reported

Owner/operator telephone: (215) 555-1212

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: OPERNAME

Owner/operator address: OPERSTREET

OPERCITY, AK 99999

Owner/operator country: Not reported

Owner/operator telephone: (215) 555-1212

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: Yes

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

User oil refiner: No

Used oil fuel marketer to burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFEGUARD DISPOSAL SERVICES INC (Continued)

1000202692

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110004849781

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

C15
South
1/8-1/4
0.228 mi.
1205 ft.

THORTON STABLE PROP
1408-1424 N 31ST ST
PHILADELPHIA, PA
Site 2 of 2 in cluster C

VCP **S109030012**
N/A

Relative:
Lower

VCP:

Actual:
69 ft.

Activity:
Activity ID: 38904, 1258,

16
South
1/8-1/4
0.234 mi.
1237 ft.

ACME MARKETS INCORPORATED
NORTH 31ST STREET AT WEST MASTER STREET
PHILADELPHIA, PA 19121

RCRA-NonGen **1000197459**
FINDS **PAD119490548**

Relative:
Lower

RCRA-NonGen:

Date form received by agency: 09/03/1986

Facility name: ACME MARKETS

Facility address: 31ST & MASTER
PHILADELPHIA, PA 19121

EPA ID: PAD119490548

Contact: PHIL KRAMER

Contact address: 31ST & MASTER
PHILADELPHIA, PA 19121

Contact country: US

Contact telephone: (215) 555-1212

Contact email: Not reported

EPA Region: 03

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CALAN

Owner/operator address: OWNERSTREET
OWNERCITY, AK 99999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACME MARKETS INCORPORATED (Continued)

1000197459

Owner/operator country: Not reported
Owner/operator telephone: (215) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, AK 99999

Owner/operator country: Not reported
Owner/operator telephone: (215) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110005975604

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACME MARKETS INCORPORATED (Continued)

1000197459

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

17
NW
1/8-1/4
0.243 mi.
1286 ft.

**EAST PARK RESERVOIR
33RD & MONTGOMERY AVE
PHILADELPHIA, PA**

**LUST S105800657
N/A**

**Relative:
Higher**

LUST:

Region: LUST
Facility Id: 51-04181
Facility Address2: Not reported
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Administrative Close Out (ACO)**
Status Date: 6/25/2009
Release Date: 06/01/1993
Source Cause Desc: Not reported

**Actual:
117 ft.**

18
South
1/4-1/2
0.252 mi.
1333 ft.

**ACME MKT DISTR CTR DC 4
3000 W MASTER ST
PHILADELPHIA, PA**

**UNREG LTANKS S105919450
N/A**

**Relative:
Lower**

UNREG LTANKS:

Region: South East
Contaminant: PHC's
Closed: 4/6/1994
Class: Cleanup of Tanks using authorities other than Act 32

**Actual:
74 ft.**

19
South
1/4-1/2
0.328 mi.
1730 ft.

**ACME MKT DISTR CTR DC 4
31ST & THOMPSON ST
PHILADELPHIA, PA**

**UNREG LTANKS S105919451
N/A**

**Relative:
Lower**

UNREG LTANKS:

Region: South East
Contaminant: BTEX
Closed: 4/10/1996
Class: Cleanup of Tanks using authorities other than Act 32

**Actual:
62 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D20
SSW
1/4-1/2
0.348 mi.
1840 ft.
HALPERN
3132 W THOMPSON
PHILADELPHIA, PA
Site 1 of 2 in cluster D

UNREG LTANKS
S105919589
N/A

Relative: UNREG LTANKS:
Lower Region: South East
Contaminant: FUEL OIL NO. 2
Actual: **Closed:** **Not reported**
60 ft. Class: Cleanup of Tanks using authorities other than Act 32

D21
SSW
1/4-1/2
0.348 mi.
1840 ft.
HALPERN & STERN INC
3132 WEST THOMPSON STREET
PHILADELPHIA, PA 19122
Site 2 of 2 in cluster D

CERC-NFRAP
RCRA-LQG
FINDS
MANIFEST
1000346444
PAD075486217

Relative: CERC-NFRAP:
Lower Site ID: 0301095
Federal Facility: Not a Federal Facility
Actual: NPL Status: Not on the NPL
60 ft. Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:
Contact Sequence ID: 13184458.00000
Person ID: 3277432.00000

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 05/01/1981
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 11/19/1987
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 11/19/1987
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

RCRA-LQG:
Date form received by agency: 05/17/2007
Facility name: HALPERN & COMPANY, INC.
Facility address: 3132 W THOMPSON ST
PHILADELPHIA, PA 19121-4413
EPA ID: PAD075486217
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 03
Land type: Other land type

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HALPERN & STERN INC (Continued)

1000346444

Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 08/13/1980
Facility name: HALPERN & COMPANY, INC.
Site name: HALPERN & CO INC
Classification: Conditionally Exempt Small Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: SR - 265.11(a)
Area of violation: Generators - Manifest
Date violation determined: 01/06/1995
Date achieved compliance: 01/06/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/06/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/06/1988
Date achieved compliance: 01/06/1995

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HALPERN & STERN INC (Continued)

1000346444

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/11/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/04/1988
Date achieved compliance: 07/06/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/02/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 05/15/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/06/1995
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Manifest
Date achieved compliance: 01/06/1995
Evaluation lead agency: State

Evaluation date: 07/06/1988
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 01/06/1995
Evaluation lead agency: State

Evaluation date: 04/04/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/06/1988
Evaluation lead agency: State

FINDS:

Registry ID: 110004845473

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HALPERN & STERN INC (Continued)

1000346444

Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID: PAD075486217
Country: USA
Mailing Name: HALPERN & COMPANY INCORPORATED
Mailing Contact: STEVEN L. HALPERN
Mailing Address: 3132 WEST THOMSON STREET
Mailing Address 2: Not reported
Mailing City: PHILADELPHIA
Mailing State: PA
Mailing Zip: 19121
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 215-236-2900

NY MANIFEST:

No Manifest Records Available

22
SSE
1/4-1/2
0.414 mi.
2186 ft.

FIRE SITE 331
1301 N 28TH ST
PHILADELPHIA, PA 19107

LUST U003215205
UST N/A

Relative:
Equal

LUST:

Region: LUST
Facility Id: 51-20199
Facility Address2: Not reported
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Cleanup Completed**
Status Date: 3/29/1993
Release Date: 08/05/1989

Actual:
99 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRE SITE 331 (Continued)

U003215205

Source Cause Desc: Not reported

UST:

Region: EP SE Rgnl Off
Site ID: 586671
Other Id: 51-20199
2nd Facility Addr: Not reported
Municipality Name: Philadelphia
Client Id Number: 189302
Mailing Name: PHILA CITY PHILA CNTY
Mailing Address: 100 S BROAD ST FL 3
Mailing Address 2: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19110
Registration Expiration Date: 2/4/2012

Tank Seq No: 003
Tank Code: UST
Date Installed: 1/1/1992
Capacity: 1000
Substance: Diesel Fuel
Tank Status: **Currently In Use**
Inspection Code: FOI
Tank Last Dt Inspected: 10/27/2008

23
SE
1/4-1/2
0.481 mi.
2541 ft.

**FLEET SITE 036
26TH & MASTER
PHILADELPHIA, PA 19121**

**LUST U003215206
UST N/A
AST**

Relative:
Higher

LUST:

Region: LUST
Facility Id: 51-20204
Facility Address2: Not reported
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Inactive**
Status Date: 12/31/1999
Release Date: 07/21/1998
Source Cause Desc: Not reported

Actual:
105 ft.

Region: 4100
Facility Id: 51-20204
Facility Address2: Not reported
Facility Type: Underground Storage Tank Containing Petroleum
Facility Status: **Inactive**
Status Date: 12/31/1999
Release Date: 05/20/1993
Source Cause Desc: Not reported

UST:

Region: EP SE Rgnl Off
Site ID: 586674
Other Id: 51-20204
2nd Facility Addr: Not reported
Municipality Name: Philadelphia
Client Id Number: 189302
Mailing Name: PHILA CITY PHILA CNTY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEET SITE 036 (Continued)

U003215206

Mailing Address: 100 S BROAD ST FL 3
Mailing Address 2: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19110
Registration Expiration Date: 2/4/2012

Tank Seq No: 005
Tank Code: UST
Date Installed: 9/25/1998
Capacity: 1000
Substance: Used Oil
Tank Status: **Currently In Use**
Inspection Code: FOI
Tank Last Dt Inspected: 1/27/2010

AST:

Mailing Name: PHILA CITY PHILA CNTY
Mailing Address: 100 S BROAD ST FL 3
Mailing Address: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19110
Municipality: Philadelphia
Client Id: 189302
Site ID: 586674
Other Id: 51-20204
2nd Facility Addr: Not reported
Region Code: 4100
Region Code Name: EP SE Rgnl Off
Tank Code: AST
Tank Seq Num: 002A
Tank Capacity: 550
Date Installed: Not reported
Substance: Hazardous Substance
Tank Status: **Currently In Use**
Inspection Code: Not reported
Tank Last Inspected: Not reported
Registration Expiration Date: 2/4/2012

Mailing Name: PHILA CITY PHILA CNTY
Mailing Address: 100 S BROAD ST FL 3
Mailing Address: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19110
Municipality: Philadelphia
Client Id: 189302
Site ID: 586674
Other Id: 51-20204
2nd Facility Addr: Not reported
Region Code: 4100
Region Code Name: EP SE Rgnl Off
Tank Code: AST
Tank Seq Num: 001A
Tank Capacity: 275
Date Installed: Not reported
Substance: Kerosene
Tank Status: **Currently In Use**
Inspection Code: Not reported
Tank Last Inspected: Not reported
Registration Expiration Date: 2/4/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEET SITE 036 (Continued)

U003215206

Mailing Name: PHILA CITY PHILA CNTY
Mailing Address: 100 S BROAD ST FL 3
Mailing Address: Not reported
Mailing City,St,Zip: PHILADELPHIA, PA 19110
Municipality: Philadelphia
Client Id: 189302
Site ID: 586674
Other Id: 51-20204
2nd Facility Addr: Not reported
Region Code: 4100
Region Code Name: EP SE Rgnl Off
Tank Code: AST
Tank Seq Num: 003A
Tank Capacity: 1000
Date Installed: Not reported
Substance: Other
Tank Status: Currently In Use
Inspection Code: Not reported
Tank Last Inspected: Not reported
Registration Expiration Date: 2/4/2012

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PHILADELPHIA	1000257387	SPRINGMILL ENTERPRISES	SR 0076 SECTION 420	19104	FINDS,RCRA-NLR
PHILADELPHIA	1003008418	SEPTA - POWELTON RAILYARD	30TH & MARKET STS	19104	CERCLIS-NFRAP
PHILADELPHIA	1003867056	SEPTA SITE	37 STREET AND BALTIMORE AVENUE	19104	CERCLIS-NFRAP
PHILADELPHIA	1004586923	ROBERTS VAUX JR HIGH	24TH & MASTER STS	19121	FINDS,RCRA-CESQG
PHILADELPHIA	1004587513	RHODES, E WASHINGTON MIDDLE	29TH & CLEARFIELD STS	19132	FINDS,RCRA-CESQG
PHILADELPHIA	1004587520	PHILA SCHOOL DISTRICT	28TH & JEFFERSON STS	19121	FINDS,RCRA-CESQG
PHILADELPHIA	1012043332	AMTRAK 30TH STREET	30TH & MARKET STREET STATION	19104	CERCLIS-NFRAP
PHILADELPHIA	8865386	AT THE PLANT SITE	AT THE PLANT SITE		ERNS
PHILADELPHIA	900109952	PUBLICLICKER SITE	PUBLICLICKER SITE		ERNS
PHILADELPHIA	90164644	PUBLICLICKER S.F. SITE	PUBLICLICKER S.F. SITE		ERNS
PHILADELPHIA	90166073	NEXT DOOR TO PUBLICLICKER SITE	NEXT DOOR TO PUBLICLICKER SITE		ERNS
PHILADELPHIA	90169308	EDEN HALL SITE	EDEN HALL SITE		ERNS
PHILADELPHIA	90169980	BELFIELD AVE. SITE (PRIOR EPA REMO	BELFIELD AVE. SITE (PRIOR EPA		ERNS
PHILADELPHIA	91216531	PUBLICLICKER SITE	PUBLICLICKER SITE		ERNS
PHILADELPHIA	91234210	PETROLEUM TANK FARM SITE	PETROLEUM TANK FARM SITE		ERNS
PHILADELPHIA	91242102	@ PUBLICLICKER NPL SITE	@ PUBLICLICKER NPL SITE		ERNS
PHILADELPHIA	92282484	PUBLICLICKER SITE (NPL) DELAWARE AVEN	PUBLICLICKER SITE (NPL) DELAWARE		ERNS
PHILADELPHIA	93321962	ACROSS FROM 3632 WHARTON ST. (NEAR	ACROSS FROM 3632 WHARTON ST. (ERNS
PHILADELPHIA	93351504	FALKENSTEIN SITE BLDG.	FALKENSTEIN SITE BLDG.		ERNS
OCEAN TWP	S1080665290	PEP BOYS STORE #56	1608 RTE 35	19132	VCP

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/31/2010	Source: EPA
Date Data Arrived at EDR: 01/13/2011	Telephone: N/A
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 04/13/2011
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/25/2011
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/31/2010	Source: EPA
Date Data Arrived at EDR: 01/13/2011	Telephone: N/A
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 04/13/2011
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/25/2011
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 05/16/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 08/29/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/31/2010	Source: EPA
Date Data Arrived at EDR: 01/13/2011	Telephone: N/A
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 04/13/2011
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/25/2011
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 04/29/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/13/2011
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA's Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 04/15/2011
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/25/2011
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 04/29/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/13/2011
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/25/2010
Date Data Arrived at EDR: 06/02/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 124

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/16/2011
Next Scheduled EDR Contact: 08/29/2011
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/11/2011
Date Data Arrived at EDR: 04/05/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 04/05/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2011
Date Data Arrived at EDR: 04/05/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 04/05/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/11/2011
Date Data Arrived at EDR: 04/05/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 04/05/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2011
Date Data Arrived at EDR: 04/05/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 04/05/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/05/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 03/14/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/27/2011
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/05/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 03/14/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/27/2011
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2010	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/07/2011	Telephone: 202-267-2180
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 04/05/2011
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/18/2011
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

SHWS: Hazardous Sites Cleanup Act Site List

The Hazardous Sites Cleanup Act Site List includes sites listed on PA Priority List, sites delisted from PA Priority List, Interim Response Completed sites, and Sites Being Studied or Response Being Planned.

Date of Government Version: 01/03/2011	Source: Department Environmental Protection
Date Data Arrived at EDR: 01/26/2011	Telephone: 717-783-7816
Date Made Active in Reports: 03/02/2011	Last EDR Contact: 04/27/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/08/2011
	Data Release Frequency: Semi-Annually

HSCA: HSCA Remedial Sites Listing

A list of remedial sites on the PA Priority List. This is the PA state equivalent of the federal NPL superfund list.

Date of Government Version: 12/27/2010	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/04/2011	Telephone: 717-783-7816
Date Made Active in Reports: 03/02/2011	Last EDR Contact: 01/25/2011
Number of Days to Update: 26	Next Scheduled EDR Contact: 05/09/2011
	Data Release Frequency: Varies

State and tribal landfill and/or solid waste disposal site lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWF/LF: Operating Facilities

The listing includes Municipal Waste Landfills, Construction/Demolition Waste Landfills and Waste-to-Energy Facilities.

Date of Government Version: 03/01/2011
Date Data Arrived at EDR: 03/04/2011
Date Made Active in Reports: 03/24/2011
Number of Days to Update: 20

Source: Department of Environmental Protection
Telephone: 717-787-7564
Last EDR Contact: 06/01/2011
Next Scheduled EDR Contact: 09/12/2011
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: Storage Tank Release Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/24/2011
Date Made Active in Reports: 04/20/2011
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 05/06/2011
Next Scheduled EDR Contact: 07/04/2011
Data Release Frequency: Semi-Annually

UNREG LTANKS: Unregulated Tank Cases

Leaking storage tank cases from unregulated storage tanks.

Date of Government Version: 04/12/2002
Date Data Arrived at EDR: 08/14/2003
Date Made Active in Reports: 08/29/2003
Number of Days to Update: 15

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 08/14/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LAST: Storage Tank Release Sites

Leaking Aboveground Storage Tank Incident Reports.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/24/2011
Date Made Active in Reports: 04/20/2011
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: 717-783-7509
Last EDR Contact: 05/06/2011
Next Scheduled EDR Contact: 07/04/2011
Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/31/2011
Date Data Arrived at EDR: 02/01/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 48

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 03/03/2011
Date Data Arrived at EDR: 03/18/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 45

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/02/2011
Next Scheduled EDR Contact: 08/15/2011
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/03/2011	Source: EPA Region 10
Date Data Arrived at EDR: 02/04/2011	Telephone: 206-553-2857
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/01/2010	Source: EPA Region 1
Date Data Arrived at EDR: 11/05/2010	Telephone: 617-918-1313
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 05/03/2011
Number of Days to Update: 84	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 02/03/2011	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2011	Telephone: 214-665-6597
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/04/2009	Source: EPA Region 7
Date Data Arrived at EDR: 05/04/2010	Telephone: 913-551-7003
Date Made Active in Reports: 07/07/2010	Last EDR Contact: 05/04/2010
Number of Days to Update: 64	Next Scheduled EDR Contact: 05/16/2011
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 02/04/2011	Source: EPA Region 8
Date Data Arrived at EDR: 02/04/2011	Telephone: 303-312-6271
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Listing of Pennsylvania Regulated Underground Storage Tanks
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/01/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/24/2011	Telephone: 717-772-5599
Date Made Active in Reports: 04/21/2011	Last EDR Contact: 05/06/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/04/2011
	Data Release Frequency: Varies

AST: Listing of Pennsylvania Regulated Aboveground Storage Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 03/01/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/24/2011	Telephone: 717-772-5599
Date Made Active in Reports: 04/21/2011	Last EDR Contact: 05/06/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/04/2011
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 01/31/2011	Source: EPA Region 9
Date Data Arrived at EDR: 02/01/2011	Telephone: 415-972-3368
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 48	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 02/04/2011	Source: EPA Region 8
Date Data Arrived at EDR: 02/04/2011	Telephone: 303-312-6137
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/01/2010	Source: EPA Region 7
Date Data Arrived at EDR: 12/02/2010	Telephone: 913-551-7003
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 02/03/2011
Number of Days to Update: 57	Next Scheduled EDR Contact: 05/16/2011
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/03/2011	Source: EPA Region 10
Date Data Arrived at EDR: 02/04/2011	Telephone: 206-553-2857
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 09/01/2010	Source: EPA, Region 1
Date Data Arrived at EDR: 11/05/2010	Telephone: 617-918-1313
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 05/03/2011
Number of Days to Update: 84	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 03/03/2011	Source: EPA Region 4
Date Data Arrived at EDR: 03/18/2011	Telephone: 404-562-9424
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 01/01/2011	Source: EPA Region 5
Date Data Arrived at EDR: 02/23/2011	Telephone: 312-886-6136
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 02/03/2011	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2011	Telephone: 214-665-7591
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 45	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Semi-Annually

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 04/18/2011
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/01/2011
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Site Listing

Under the Land Recycling Act (Act 2) persons who perform a site cleanup using the site-specific standard or the special industrial area standard may use engineering or institutional controls as part of the response action. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/15/2008	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/16/2008	Telephone: 717-783-9470
Date Made Active in Reports: 06/12/2008	Last EDR Contact: 04/26/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 08/08/2011
	Data Release Frequency: Varies

AUL: Environmental Covenants Listing

A listing of sites with environmental covenants.

Date of Government Version: 03/25/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/25/2011	Telephone: 717-783-7509
Date Made Active in Reports: 04/20/2011	Last EDR Contact: 05/23/2011
Number of Days to Update: 26	Next Scheduled EDR Contact: 08/08/2011
	Data Release Frequency: Varies

INST CONTROL: Institutional Controls Site Listing

Under the Land Recycling Act (Act 2) persons who perform a site cleanup using the site-specific standard or the special industrial area standard may use engineering or institutional controls as part of the response action. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/15/2008
Date Data Arrived at EDR: 05/16/2008
Date Made Active in Reports: 06/12/2008
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: 717-783-9470
Last EDR Contact: 04/26/2011
Next Scheduled EDR Contact: 08/08/2011
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/01/2010
Date Data Arrived at EDR: 01/05/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/05/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites

Sites involved in the Voluntary Cleanup Program

Date of Government Version: 04/26/2010
Date Data Arrived at EDR: 04/28/2010
Date Made Active in Reports: 04/30/2010
Number of Days to Update: 2

Source: Department of Environmental Protection
Telephone: 717-783-2388
Last EDR Contact: 05/25/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Semi-Annually

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites

Brownfields are generally defined as abandoned or underused industrial or commercial properties where redevelopment is complicated by actual or perceived environmental contamination. Brownfields vary in size, location, age and past use. They can range from a small, abandoned corner gas station to a large, multi-acre former manufacturing plant that has been closed for years.

Date of Government Version: 01/26/2011
Date Data Arrived at EDR: 02/03/2011
Date Made Active in Reports: 03/02/2011
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: 717-783-1566
Last EDR Contact: 01/26/2011
Next Scheduled EDR Contact: 05/09/2011
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 12/29/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2010	Telephone: 202-566-2777
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 03/29/2011
Number of Days to Update: 81	Next Scheduled EDR Contact: 07/11/2011
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 03/28/2011
Number of Days to Update: 137	Next Scheduled EDR Contact: 07/11/2011
	Data Release Frequency: No Update Planned

HIST LF INVENTORY: Facility Inventory

A listing of solid waste facilities. This listing is no longer updated or maintained by the Department of Environmental Protection. At the time the listing was available, the DEP's name was the Department of Environmental Resources.

Date of Government Version: 06/02/1999	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/12/2005	Telephone: 717-787-7381
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 09/19/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/19/2005
	Data Release Frequency: No Update Planned

HIST LF ALI: Abandoned Landfill Inventory

The report provides facility information recorded in the Pennsylvania Department of Environmental Protection ALI database. Some of this information has been abstracted from old records and may not accurately reflect the current conditions and status at these facilities

Date of Government Version: 01/04/2005	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/04/2005	Telephone: 717-787-7564
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 05/27/2011
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/12/2011
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST LF INACTIVE: Inactive Facilities List

A listing of inactive non-hazardous facilities (10000 & 300000 series). This listing is no longer updated or maintained by the Department of Environmental Protection. At the time the listing was available, the DEP's name was the Department of Environmental Resources.

Date of Government Version: 12/20/1994	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/12/2005	Telephone: 717-787-7381
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/21/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/19/2005
	Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 05/09/2011
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/22/2011
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/02/2011	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/17/2011	Telephone: 202-307-1000
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 03/08/2011
Number of Days to Update: 46	Next Scheduled EDR Contact: 06/20/2011
	Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/19/2008	Telephone: 202-307-1000
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 03/23/2009
Number of Days to Update: 131	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

ARCHIVE UST: Archived Underground Storage Tank Sites

The list includes tanks storing highly hazardous substances that were removed from the DEP's Storage Tank Information database because of the Department's policy on sensitive information. The list also may include tanks that are removed or permanently closed.

Date of Government Version: 03/01/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/24/2011	Telephone: 717-772-5599
Date Made Active in Reports: 04/21/2011	Last EDR Contact: 05/06/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/04/2011
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ARCHIVE AST: Archived Aboveground Storage Tank Sites

The list includes aboveground tanks with a capacity greater than 21,000 gallons that were removed from the DEP's Storage Tank Information database because of the Department's policy on sensitive information. The list also may include tanks that are removed or permanently closed.

Date of Government Version: 03/01/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/24/2011	Telephone: 717-772-5599
Date Made Active in Reports: 04/21/2011	Last EDR Contact: 05/06/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/04/2011
	Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2011	Telephone: 202-564-6023
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 87	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 05/23/2011
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/05/2011
	Data Release Frequency: Varies

ACT 2-DEED: Act 2-Deed Acknowledgment Sites

This listing pertains to sites where the Department has approved a cleanup requiring a deed acknowledgment under Act 2. This list includes sites remediated to a non-residential Statewide health standard (Section 303(g)); all sites demonstrating attainment of a Site-specific standard (Section 304(m)); and sites being remediated as a special industrial area (Section 305(g)). Persons who remediated a site to a standard that requires a deed acknowledgment shall comply with the requirements of the Solid Waste Management Act or the Hazardous Sites Cleanup Act, as referenced in Act 2. These statutes require a property description section in the deed concerning the hazardous substance disposal on the site. The location of disposed hazardous substances and a description of the type of hazardous substances disposed on the site shall be included in the deed acknowledgment. A deed acknowledgment is required at the time of conveyance of the property.

Date of Government Version: 04/23/2010	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/28/2010	Telephone: 717-783-9470
Date Made Active in Reports: 04/30/2010	Last EDR Contact: 05/25/2011
Number of Days to Update: 2	Next Scheduled EDR Contact: 08/08/2011
	Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2010	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/05/2011	Telephone: 202-366-4555
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 04/05/2011
Number of Days to Update: 51	Next Scheduled EDR Contact: 07/18/2011
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS: State spills

A listing of hazardous material incidents.

Date of Government Version: 02/17/2011
Date Data Arrived at EDR: 02/22/2011
Date Made Active in Reports: 03/24/2011
Number of Days to Update: 30

Source: DEP, Emergency Response
Telephone: 717-787-5715
Last EDR Contact: 04/18/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Varies

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/11/2011
Date Data Arrived at EDR: 04/05/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 800-438-2474
Last EDR Contact: 04/05/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2011
Date Data Arrived at EDR: 02/11/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/11/2011
Next Scheduled EDR Contact: 08/22/2011
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/21/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/15/2011
Next Scheduled EDR Contact: 06/27/2011
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 10/01/2010
Date Data Arrived at EDR: 10/29/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 91

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/04/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/16/2011	Telephone: 703-416-0223
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 03/16/2011
Number of Days to Update: 5	Next Scheduled EDR Contact: 06/27/2011
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/21/2010	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 03/04/2011
Number of Days to Update: 99	Next Scheduled EDR Contact: 06/13/2011
	Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/08/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 03/09/2011	Telephone: 303-231-5959
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 03/09/2011
Number of Days to Update: 54	Next Scheduled EDR Contact: 06/20/2011
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/17/2010	Telephone: 202-566-0250
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 05/27/2011
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/12/2011
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 03/29/2011
Number of Days to Update: 64	Next Scheduled EDR Contact: 07/11/2011
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/27/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/12/2011
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/27/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/12/2011
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 05/02/2011
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/21/2011	Telephone: 202-564-5088
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 03/28/2011
Number of Days to Update: 59	Next Scheduled EDR Contact: 07/11/2011
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 04/22/2011
Number of Days to Update: 98	Next Scheduled EDR Contact: 08/01/2011
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/18/2010	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/06/2010	Telephone: 301-415-7169
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 03/14/2011
Number of Days to Update: 51	Next Scheduled EDR Contact: 06/27/2011
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/13/2011	Telephone: 202-343-9775
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 04/13/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/25/2011
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010	Source: EPA
Date Data Arrived at EDR: 04/16/2010	Telephone: (215) 814-5000
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 03/14/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 06/27/2011
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/27/2011
Next Scheduled EDR Contact: 09/12/2011
Data Release Frequency: Biennially

UIC: Underground Injection Wells
A listing of underground injection well locations.

Date of Government Version: 03/28/2011
Date Data Arrived at EDR: 03/30/2011
Date Made Active in Reports: 04/20/2011
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: 717-783-7209
Last EDR Contact: 03/30/2011
Next Scheduled EDR Contact: 07/11/2011
Data Release Frequency: Varies

NPDES: NPDES Permit Listing
A listing of facilities with an NPDES permit.

Date of Government Version: 01/11/2011
Date Data Arrived at EDR: 03/16/2011
Date Made Active in Reports: 04/20/2011
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-787-9642
Last EDR Contact: 03/16/2011
Next Scheduled EDR Contact: 06/27/2011
Data Release Frequency: Varies

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/04/2011
Next Scheduled EDR Contact: 07/06/2011
Data Release Frequency: Annually

DRYCLEANERS: Drycleaner Facility Locations
A listing of drycleaner facility locations.

Date of Government Version: 03/28/2011
Date Data Arrived at EDR: 03/30/2011
Date Made Active in Reports: 04/21/2011
Number of Days to Update: 22

Source: Department of Environmental Protection
Telephone: 717-787-9702
Last EDR Contact: 03/28/2011
Next Scheduled EDR Contact: 07/11/2011
Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data
Permit and emissions inventory data.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 10/20/2010
Date Made Active in Reports: 12/06/2010
Number of Days to Update: 47

Source: Department of Environmental Protection
Telephone: 717-787-9702
Last EDR Contact: 04/04/2011
Next Scheduled EDR Contact: 07/18/2011
Data Release Frequency: Annually

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/21/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 05/23/2011
Number of Days to Update: 54	Next Scheduled EDR Contact: 08/08/2011
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/21/2011
Number of Days to Update: 339	Next Scheduled EDR Contact: 08/01/2011
	Data Release Frequency: N/A

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2011	Telephone: N/A
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 03/18/2011
Number of Days to Update: 77	Next Scheduled EDR Contact: 06/27/2011
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2009	Telephone: 202-566-0517
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 05/05/2011
Number of Days to Update: 100	Next Scheduled EDR Contact: 08/15/2011
	Data Release Frequency: Varies

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 04/19/2011
Number of Days to Update: 76	Next Scheduled EDR Contact: 08/01/2011
	Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/26/2011
Next Scheduled EDR Contact: 09/05/2011
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/22/2010
Date Made Active in Reports: 08/26/2010
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/19/2011
Next Scheduled EDR Contact: 08/01/2011
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 05/12/2011
Date Made Active in Reports: 05/24/2011
Number of Days to Update: 12

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/12/2011
Next Scheduled EDR Contact: 08/22/2011
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/19/2010
Date Made Active in Reports: 08/26/2010
Number of Days to Update: 38

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/31/2011
Next Scheduled EDR Contact: 09/12/2011
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 03/29/2010
Date Data Arrived at EDR: 05/14/2010
Date Made Active in Reports: 06/22/2010
Number of Days to Update: 39

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 04/25/2011
Next Scheduled EDR Contact: 08/08/2011
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/06/2010
Date Made Active in Reports: 07/26/2010
Number of Days to Update: 20

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/21/2011
Next Scheduled EDR Contact: 07/04/2011
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Facility List

Source: Department of Public Welfare

Telephone: 717-783-3856

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

GLENWOOD SITE
3033 GLENWOOD AVENUE
PHILADELPHIA, PA 19121

TARGET PROPERTY COORDINATES

Latitude (North):	39.98140 - 39° 58' 53.0"
Longitude (West):	75.1852 - 75° 11' 6.7"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	484186.7
UTM Y (Meters):	4425499.0
Elevation:	99 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	39075-H2 PHILADELPHIA, PA
Most Recent Revision:	1995

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

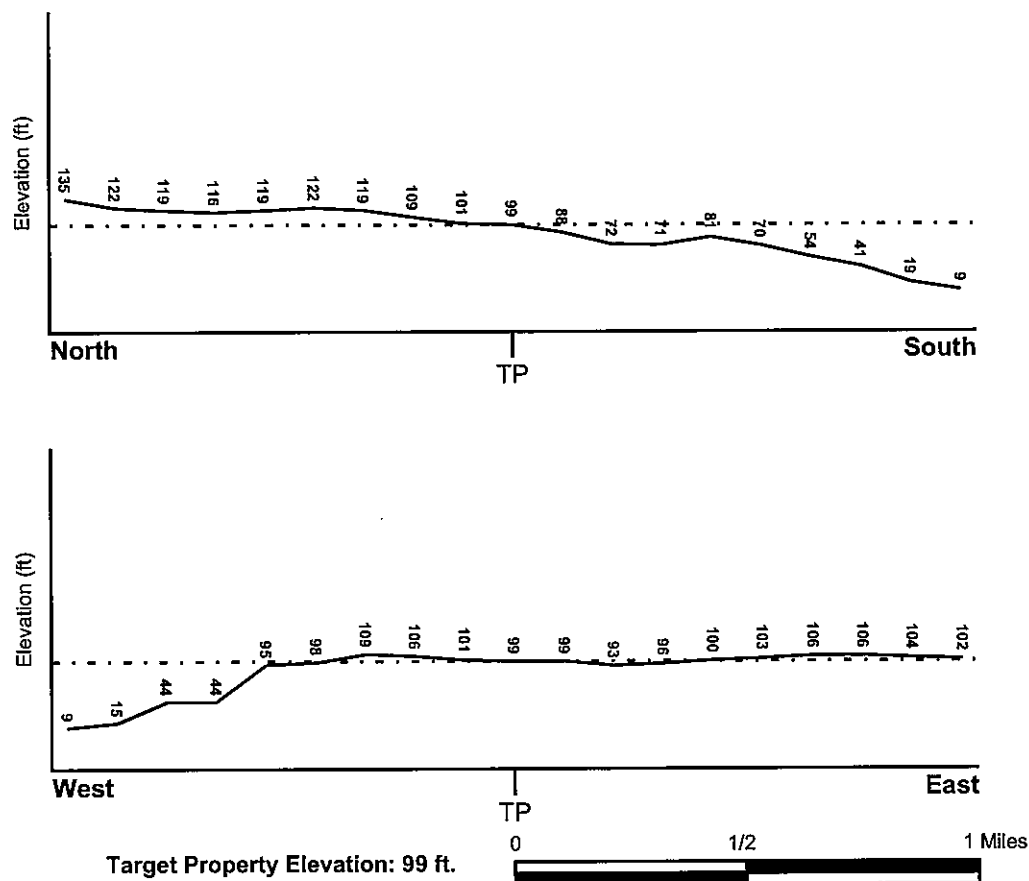
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
PHILADELPHIA, PA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 4207570181F - FEMA Q3 Flood data

Additional Panels in search area:
4207570177F - FEMA Q3 Flood data
4207570183F - FEMA Q3 Flood data
4207570179F - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
PHILADELPHIA

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

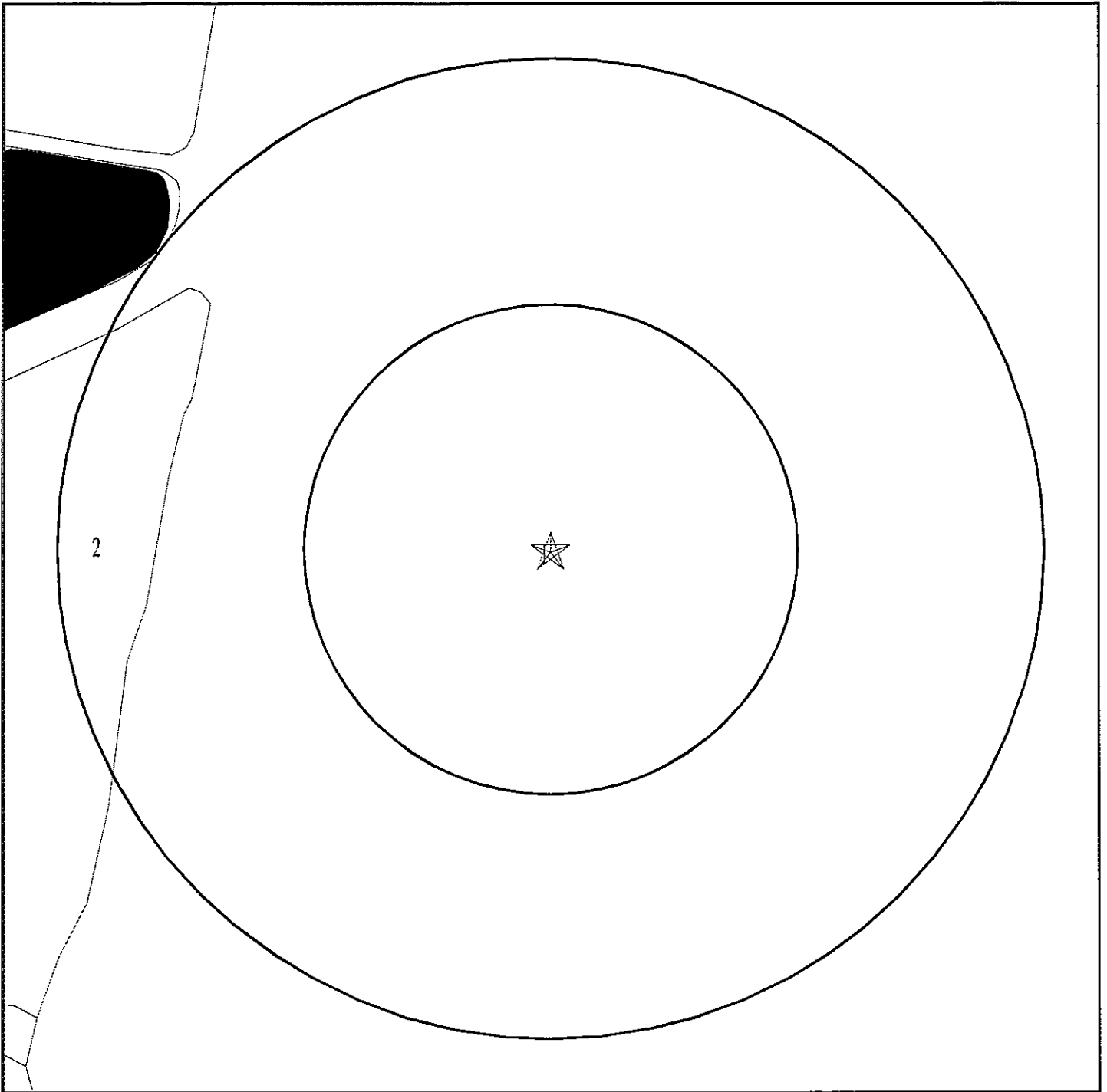
Era:	Paleozoic
System:	Cambrian
Series:	Cambrian
Code:	Ce (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Eugeosynclinal Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

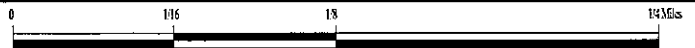
SSURGO SOIL MAP - 3083604.2s



★ Target Property

∨ SSURGO Soil

∨ Water



SITE NAME: Glenwood Site
ADDRESS: 3033 Glenwood Avenue
Philadelphia PA 19121
LAT/LONG: 39.9814 / 75.1852

CLIENT: Duffield Associates, Inc.
CONTACT: Brad Summerville
INQUIRY #: 3083604.2s
DATE: June 01, 2011 12:05 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 2

Soil Component Name: Urban land

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 91 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	USGS2150962	0 - 1/8 Mile South
A3	USGS2150961	0 - 1/8 Mile South
B7	USGS2150870	1/8 - 1/4 Mile NE
B8	USGS2150871	1/8 - 1/4 Mile NE
C9	USGS2151081	1/4 - 1/2 Mile SE
D11	USGS2150777	1/4 - 1/2 Mile NE
E13	USGS2151123	1/4 - 1/2 Mile ESE
E14	USGS2151124	1/4 - 1/2 Mile ESE
E17	USGS2151113	1/4 - 1/2 Mile ESE
F20	USGS2151074	1/2 - 1 Mile ESE
G21	USGS2150708	1/2 - 1 Mile NE
G22	USGS2150709	1/2 - 1 Mile NE
H26	USGS2150686	1/2 - 1 Mile NE
I27	USGS2151184	1/2 - 1 Mile WSW
J29	USGS2151234	1/2 - 1 Mile SSE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
---------------	----------------	-------------------------

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
---------------	----------------	-----------------------------

No PWS System Found

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	PASI30000028849	0 - 1/8 Mile South
A4	PASI30000028848	0 - 1/8 Mile South
B5	PASI30000029359	1/8 - 1/4 Mile NE
B6	PASI30000029360	1/8 - 1/4 Mile NE
C10	PASI30000028484	1/4 - 1/2 Mile SE
D12	PASI30000029854	1/4 - 1/2 Mile NE
E15	PASI30000028751	1/4 - 1/2 Mile ESE
E16	PASI30000028752	1/4 - 1/2 Mile ESE
E18	PASI30000028690	1/4 - 1/2 Mile ESE
F19	PASI30000028464	1/2 - 1 Mile ESE
G23	PASI30000030395	1/2 - 1 Mile NE
G24	PASI30000030396	1/2 - 1 Mile NE
H25	PASI30000030281	1/2 - 1 Mile NE
I28	PASI30000028204	1/2 - 1 Mile WSW
J30	PASI30000027585	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 3083604.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Oil, gas or related wells

0 1/4 1/2 1 Miles



SITE NAME: Glenwood Site
 ADDRESS: 3033 Glenwood Avenue
 Philadelphia PA 19121
 LAT/LONG: 39.9814 / 75.1852

CLIENT: Duffield Associates, Inc.
 CONTACT: Brad Summerville
 INQUIRY #: 3083604.2s
 DATE: June 01, 2011 12:05 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
South
0 - 1/8 Mile
Lower

FED USGS USGS2150962

Agency cd:	USGS	Site no:	395847075110901
Site name:	PH 605		
Latitude:	395847	EDR Site id:	USGS2150962
Longitude:	0751109	Dec lat:	39.97983488
Dec lon:	-75.18545657	Coor meth:	M
Coor acc:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	PHILADELPHIA	Map scale:	24000
Altitude:	80.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19340827
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	WISSAHICKON FORMATION,OLIGOCENE MICA SCHIST		
Well depth:	518	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1934-08-27	Ground water data end date:	1934-08-27
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1934-08-27	25.00	

A2
South
0 - 1/8 Mile
Lower

PA WELLS PASI30000028849

Dep counter:	0	Siteid:	395847075110901
Transactio:	1	Local welln:	PH 605
County:	PHILADELPHIA	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	300WSCK
Topography:	HILLSIDE	Well depth:	518
Elevation:	80		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	PHILADELPHIA
Type of site:	WELL	Date created:	08/14/1980
Date updated:	04/19/1991		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	PHILADELPHIA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	39.9797222222	Depth to bedrock:	0
Longitude dd:	-75.1858333333	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	30099
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	08/27/1934	Latest well:	30099
Source site:	1		
Latest owner:	29882		
Latest prod:	26768		
Site id:	PASI30000028849		

A3

South
0 - 1/8 Mile
Lower

FED USGS USGS2150961

Agency cd:	USGS	Site no:	395847075110701
Site name:	PH 606	EDR Site id:	USGS2150961
Latitude:	395847	Dec lat:	39.97983488
Longitude:	0751107	Coor meth:	M
Dec lon:	-75.18490099	Latlong datum:	NAD27
Coor accr:	S	District:	42
Dec latlong datum:	NAD83	County:	101
State:	42	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	PHILADELPHIA		
Altitude:	80		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill. Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19341112
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	WISSAHICKON FORMATION,OLIGOCLASE MICA SCHIST		
Well depth:	41	Hole depth:	43
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1934-11-12	Ground water data end date:	1934-11-12
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1934-11-12	22.00	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A4
South
0 - 1/8 Mile
Lower

PA WELLS PASI30000028848

Dep counter:	0	Siteid:	395847075110701
Transactio:	1	Local welln:	PH 606
County:	PHILADELPHIA	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	300WSCK
Topography:	HILLSIDE	Well depth:	41
Elevation:	80		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	PHILADELPHIA
Type of site:	WELL	Date created:	08/14/1980
Date updated:	03/03/1990		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	PHILADELPHIA		
Latitude dd:	39.9797222222		
Longitude dd:	-75.1852777778		
Well addres:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	11/12/1934	Pagwis id:	30098
Source site:	1	Local permit:	Not Reported
Latest owner:	29881	Driller sc:	0
Latest prod:	26767	Latest well:	30098
Site id:	PASI30000028848		

B5
NE
1/8 - 1/4 Mile
Higher

PA WELLS PASI30000029359

Dep counter:	0	Siteid:	395859075110101
Transactio:	1	Local welln:	PH 603
County:	PHILADELPHIA	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	300WSCK
Topography:	HILLTOP	Well depth:	400
Elevation:	110		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	PHILADELPHIA
Type of site:	WELL	Date created:	08/14/1980
Date updated:	04/19/1991		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	PHILADELPHIA		
Latitude dd:	39.9830555556		
Longitude dd:	-75.1836111111		
Well addres:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1908	Pagwis id:	30112
Source site:	1	Local permit:	Not Reported
Latest owner:	29896	Driller sc:	0
Latest prod:	26778	Latest well:	30112

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000029359

B6

NE

**1/8 - 1/4 Mile
Higher**

PA WELLS

PASI30000029360

Dep counter:	0	Siteid:	395859075110102
Transactio:	1	Local welln:	PH 604
County:	PHILADELPHIA	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	300WSCK
Topography:	HILLTOP	Well depth:	502
Elevation:	110		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	PHILADELPHIA
Type of site:	WELL	Date created:	08/14/1980
Date updated:	04/19/1991		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDag pest. survey)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	PHILADELPHIA		
Latitude dd:	39.9830555556		
Longitude dd:	-75.1836111111		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1908	Pagwis id:	30113
Source site:	1	Local permit:	Not Reported
Latest owner:	29897	Driller sc:	0
Latest prod:	26779	Latest well:	30113
Site id:	PASI30000029360		

B7

NE

**1/8 - 1/4 Mile
Higher**

FED USGS

USGS2150870

Agency cd:	USGS	Site no:	395859075110101
Site name:	PH 603		
Latitude:	395859	EDR Site id:	USGS2150870
Longitude:	0751101	Dec lat:	39.98316819
Dec lon:	-75.18323423	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	PHILADELPHIA	Map scale:	24000
Altitude:	105.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	19080101
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag: Y
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: WISSAHICKON FORMATION,OLIGOCLASE MICA SCHIST
 Well depth: 400 Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: Not Reported
 Real time data flag: 0
 Daily flow data end date: 0000-00-00
 Peak flow data begin date: 0000-00-00
 Peak flow data count: 0
 Water quality data end date:0000-00-00
 Ground water data begin date: 1908-01-01
 Ground water data count: 1
 Daily flow data begin date: 0000-00-00
 Daily flow data count: 0
 Peak flow data end date: 0000-00-00
 Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 1908-01-01

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1908-01-01	25.00	

B8
 NE
 1/8 - 1/4 Mile
 Higher

FED USGS USGS2150871

Agency cd:	USGS	Site no:	395859075110102
Site name:	PH 604	EDR Site id:	USGS2150871
Latitude:	395859	Dec lat:	39.98316819
Longitude:	0751101	Coor meth:	M
Dec lon:	-75.18323423	Latlong datum:	NAD27
Coor accr:	S	District:	42
Dec latlong datum:	NAD83	County:	101
State:	42	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	PHILADELPHIA		
Altitude:	105.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill. Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	19080101
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	WISSAHICKON FORMATION,OLIGOCLASE MICA SCHIST		
Well depth:	502	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1908-01-01	Ground water data end date:	1908-01-01
Ground water data count:	1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1908-01-01	40.00	
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C9

SE

**1/4 - 1/2 Mile
Higher**

FED USGS

USGS2151081

Agency cd:	USGS	Site no:	395836075105101
Site name:	PH 488		
Latitude:	395836	EDR Site id:	USGS2151081
Longitude:	0751051	Dec lat:	39.97677933
Dec lon:	-75.18045635	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	PHILADELPHIA	Map scale:	24000
Altitude:	100.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19270101
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	WISSAHICKON FORMATION, OLIGOCENE MICA SCHIST		
Well depth:	202	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1927-01-01	Ground water data end date:	1927-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
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1927-01-01	20.00	
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C10

SE

**1/4 - 1/2 Mile
Higher**

PA WELLS

PAS130000028484

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dep counter:	0	Siteid:	395836075105101
Transactio:	1	Local welln:	PH 488
County:	PHILADELPHIA	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	300WSCK
Topography:	HILLSIDE	Well depth:	202
Elevation:	100		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	PHILADELPHIA
Type of site:	WELL	Date created:	04/28/1979
Date updated:	04/19/1991		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	PHILADELPHIA		
Latitude dd:	39.976666667		
Longitude dd:	-75.180833333		
Well address:	Not Reported		
Well zipcode:	Not Reported		
Bedrock not:	0	Depth to bedrock:	0
Date drilled:	01/01/1927	Saltwaterz:	0
Source site:	1	Pagwis id:	30087
Latest owner:	29869	Local permit:	Not Reported
Latest prod:	26756	Driller sc:	0
Site id:	PASI30000028484	Latest well:	30087

D11
NE
1/4 - 1/2 Mile
Higher

FED USGS USGS2150777

Agency cd:	USGS	Site no:	395910075105001
Site name:	PH 600		
Latitude:	395910	EDR Site id:	USGS2150777
Longitude:	0751050	Dec lat:	39.98622372
Dec lon:	-75.18017852	Coor meth:	M
Coor acc:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	PHILADELPHIA	Map scale:	24000
Altitude:	107.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lower Delaware, New Jersey, Pennsylvania. Area = 1050 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	19370101
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	WISSAHICKON FORMATION, OLIGOCENE MICA SCHIST		
Well depth:	180	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
Water quality data end date: 1954-12-02
Ground water data begin date: 1978-12-14
Ground water data count: 1

Water quality data begin date: 1954-12-02
Water quality data count: 1
Ground water data end date: 1978-12-14

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1978-12-14	0.00	

D12

NE

1/4 - 1/2 Mile
Higher

PA WELLS

PASI30000029854

Dep counter:	0	Siteid:	395910075105001
Transactio:	1	Local welln:	PH 600
County:	PHILADELPHIA	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	300WSCK
Topography:	HILLTOP	Well depth:	180
Elevation:	110		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040202
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	PHILADELPHIA
Type of site:	WELL	Date created:	08/14/1980
Date updated:	06/28/1994		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	PHILADELPHIA		
Latitude dd:	39.9861111111		
Longitude dd:	-75.1805555556		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1937	Pagwis id:	30512
Source site:	1	Local permit:	Not Reported
Latest owner:	30346	Driller sc:	0
Latest prod:	40266	Latest well:	30512
Site id:	PASI30000029854		

E13

ESE

1/4 - 1/2 Mile
Higher

FED USGS

USGS2151123

Agency cd:	USGS	Site no:	395845075104001
Site name:	PH 608		
Latitude:	395845	EDR Site id:	USGS2151123
Longitude:	0751040	Dec lat:	39.97927931
Dec lon:	-75.17740064	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	PHILADELPHIA	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	100.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	19130101
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	WISSAHICKON FORMATION,OLIGOCLASE MICA SCHIST		
Well depth:	200	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

E14
ESE
1/4 - 1/2 Mile
Higher

FED USGS USGS2151124

Agency cd:	USGS	Site no:	395845075104002
Site name:	PH 607		
Latitude:	395845	EDR Site id:	USGS2151124
Longitude:	0751040	Dec lat:	39.97927931
Dec lon:	-75.17740064	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	PHILADELPHIA	Map scale:	24000
Altitude:	100.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	19130101
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	WISSAHICKON FORMATION,OLIGOCLASE MICA SCHIST		
Well depth:	200	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
Water quality data end date: Not Reported
Ground water data begin date: Not Reported
Ground water data count: Not Reported

Water quality data begin date: Not Reported
Water quality data count: Not Reported
Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

E15

ESE

1/4 - 1/2 Mile

Higher

PA WELLS

PASI30000028751

Dep counter:	0	Siteid:	395845075104001
Transactio:	1	Local welln:	PH 608
County:	PHILADELPHIA	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	300WSCK
Topography:	HILLTOP	Well depth:	200
Elevation:	100		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	PHILADELPHIA
Type of site:	WELL	Date created:	08/14/1980
Date updated:	04/19/1991		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	PHILADELPHIA		
Latitude dd:	39.9791666667		
Longitude dd:	-75.1777777778		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1913	Pagwis id:	30094
Source site:	1	Local permit:	Not Reported
Latest owner:	29877	Driller sc:	0
Latest prod:	26763	Latest well:	30094
Site id:	PASI30000028751		

E16

ESE

1/4 - 1/2 Mile

Higher

PA WELLS

PASI30000028752

Dep counter:	0	Siteid:	395845075104002
Transactio:	1	Local welln:	PH 607
County:	PHILADELPHIA	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	300WSCK
Topography:	HILLTOP	Well depth:	200
Elevation:	100		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	PHILADELPHIA
Type of site:	WELL	Date created:	08/14/1980
Date updated:	04/19/1991		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	PHILADELPHIA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	39.9791666667	Depth to bedrock:	0
Longitude dd:	-75.1777777778	Saltwaterz:	0
Well address:	Not Reported	Pagwis id:	30095
Well zipcode:	Not Reported	Local permit:	Not Reported
Bedrock not:	0	Driller sc:	0
Date drilled:	01/01/1913	Latest well:	30095
Source site:	1		
Latest owner:	29878		
Latest prod:	26764		
Site id:	PASI30000028752		

E17
ESE
1/4 - 1/2 Mile
Higher

FED USGS USGS2151113

Agency cd:	USGS	Site no:	395843075103801
Site name:	PH 609	EDR Site id:	USGS2151113
Latitude:	395843	Dec lat:	39.97872376
Longitude:	0751038	Coor meth:	M
Dec lon:	-75.17684506	Latlong datum:	NAD27
Coor accr:	S	District:	42
Dec latlong datum:	NAD83	County:	101
State:	42	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	PHILADELPHIA		
Altitude:	100.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	19210101
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	WISSAHICKON FORMATION,OLIGOCLASE MICA SCHIST		
Well depth:	300	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1921-01-01	Ground water data end date:	1921-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1921-01-01	21.00	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E18

ESE

1/4 - 1/2 Mile

Higher

PA WELLS

PASI30000028690

Dep counter:	0	Siteid:	395843075103801
Transactio:	1	Local welln:	PH 609
County:	PHILADELPHIA	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	300WSCK
Topography:	HILLTOP	Well depth:	300
Elevation:	100		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	PHILADELPHIA
Type of site:	WELL	Date created:	08/14/1980
Date updated:	04/19/1991		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	PHILADELPHIA		
Latitude dd:	39.9786111111		
Longitude dd:	-75.1772222222		
Well addres:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1921	Pagwis id:	30093
Source site:	1	Local permit:	Not Reported
Latest owner:	29876	Driller sc:	0
Latest prod:	26762	Latest well:	30093
Site id:	PASI30000028690		

F19

ESE

1/2 - 1 Mile

Higher

PA WELLS

PASI30000028464

Dep counter:	0	Siteid:	395835075103001
Transactio:	1	Local welln:	PH 489
County:	PHILADELPHIA	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	300WSCK
Topography:	HILLTOP	Well depth:	610
Elevation:	100		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	PHILADELPHIA
Type of site:	WELL	Date created:	04/28/1979
Date updated:	04/19/1991		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	PHILADELPHIA		
Latitude dd:	39.9763888889		
Longitude dd:	-75.175		
Well addres:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1939	Pagwis id:	30085
Source site:	1	Local permit:	Not Reported
Latest owner:	29867	Driller sc:	0
Latest prod:	26754	Latest well:	30085

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site id: PASI30000028464

F20
ESE
1/2 - 1 Mile
Higher

FED USGS USGS2151074

Agency cd:	USGS	Site no:	395835075103001
Site name:	PH 489		
Latitude:	395835	EDR Site id:	USGS2151074
Longitude:	0751030	Dec lat:	39.97650155
Dec lon:	-75.17462273	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	PHILADELPHIA	Map scale:	24000
Altitude:	100.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill. Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	WISSAHICKON FORMATION,OLIGOCLASE MICA SCHIST		
Well depth:	610	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1904-01-01	Ground water data end date:	1904-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1904-01-01	20.00	

G21
NE
1/2 - 1 Mile
Higher

FED USGS USGS2150708

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	395925075103801
Site name:	PH 602		
Latitude:	395925	EDR Site id:	USGS2150708
Longitude:	0751038	Dec lat:	39.99039036
Dec lon:	-75.17684501	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	PHILADELPHIA	Map scale:	24000
Altitude:	115.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lower Delaware. New Jersey, Pennsylvania. Area = 1050 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	19100101
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	WISSAHICKON FORMATION,OLIGOCLEASE MICA SCHIST		
Well depth:	150	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

G22
NE
1/2 - 1 Mile
Higher

FED USGS USGS2150709

Agency cd:	USGS	Site no:	395925075103802
Site name:	PH 601		
Latitude:	395925	EDR Site id:	USGS2150709
Longitude:	0751038	Dec lat:	39.99039036
Dec lon:	-75.17684501	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	PHILADELPHIA	Map scale:	24000
Altitude:	115.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lower Delaware. New Jersey, Pennsylvania. Area = 1050 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	19090101
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y	
Type of ground water site:	Single well, other than collector or Ranney type	
Aquifer Type:	Not Reported	
Aquifer:	WISSAHICKON FORMATION, OLIGOCLASE MICA SCHIST	
Well depth:	175	Hole depth: Not Reported
Source of depth data:	Not Reported	
Project number:	Not Reported	
Real time data flag:	Not Reported	Daily flow data begin date: Not Reported
Daily flow data end date:	Not Reported	Daily flow data count: Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date: Not Reported
Peak flow data count:	Not Reported	Water quality data begin date: Not Reported
Water quality data end date:	Not Reported	Water quality data count: Not Reported
Ground water data begin date:	Not Reported	Ground water data end date: Not Reported
Ground water data count:	Not Reported	

Ground-water levels, Number of Measurements: 0

G23

NE

1/2 - 1 Mile

Higher

PA WELLS

PASI30000030395

Dep counter:	0	Siteid:	395925075103801
Transactio:	1	Local welln:	PH 602
County:	PHILADELPHIA	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	300WSCK
Topography:	HILLTOP	Well depth:	150
Elevation:	120		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040202
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	PHILADELPHIA
Type of site:	WELL	Date created:	08/14/1980
Date updated:	04/19/1991		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	PHILADELPHIA		
Latitude dd:	39.9902777778		
Longitude dd:	-75.1772222222		
Well addres:	Not Reported		
Well zipcode:	Not Reported		
Bedrock not:	0	Depth to bedrock:	0
Date drilled:	01/01/1910	Saltwaterz:	0
Source site:	1	Pagwis id:	30141
Latest owner:	29928	Local permit:	Not Reported
Latest prod:	26803	Driller sc:	0
Site id:	PASI30000030395	Latest well:	30141

G24

NE

1/2 - 1 Mile

Higher

PA WELLS

PASI30000030396

Dep counter:	0	Siteid:	395925075103802
Transactio:	1	Local welln:	PH 601
County:	PHILADELPHIA	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	300WSCK
Topography:	HILLTOP	Well depth:	175
Elevation:	120		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040202
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	PHILADELPHIA
Type of site:	WELL	Date created:	08/14/1980
Date updated:	04/19/1991		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	PHILADELPHIA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude dd:	39.9902777778		
Longitude dd:	-75.1772222222		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1909	Pagwis id:	30142
Source site:	1	Local permit:	Not Reported
Latest owner:	29929	Driller sc:	0
Latest prod:	26804	Latest well:	30142
Site id:	PASI30000030396		

H25

NE

1/2 - 1 Mile
Higher

PA WELLS

PASI30000030281

Dep counter:	0	Siteid:	395922075103301
Transactio:	1	Local welln:	PH 798
County:	PHILADELPHIA	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	300WSCK
Topography:	HILLSIDE	Well depth:	23.5
Elevation:	107.5		
Elev method:	LEVEL OR OTHER SURVEYING METHOD		
Accuracy of elev:	.5	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	PHILADELPHIA
Type of site:	WELL	Date created:	12/10/1980
Date updated:	06/28/1994		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	PHILADELPHIA		
Latitude dd:	39.9894444444		
Longitude dd:	-75.1758333333		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	10/01/1976	Pagwis id:	30514
Source site:	1	Local permit:	Not Reported
Latest owner:	30348	Driller sc:	0
Latest prod:	40267	Latest well:	30514
Site id:	PASI30000030281		

H26

NE

1/2 - 1 Mile
Higher

FED USGS

USGS2150686

Agency cd:	USGS	Site no:	395922075103301
Site name:	PH 798		
Latitude:	395922	EDR Site id:	USGS2150686
Longitude:	0751033	Dec lat:	39.98955703
Dec lon:	-75.17545606	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	PHILADELPHIA	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 107.60
 Altitude method: Level or other surveying method
 Altitude accuracy: .5
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Schuylkill, Pennsylvania. Area = 1900 sq.mi.
 Topographic: Hillside (slope)
 Site type: Ground-water other than Spring Date construction: 19761001
 Date inventoried: Not Reported Mean greenwich time offset: EST
 Local standard time flag: Y
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: WISSAHICKON FORMATION,OLIGOCLASE MICA SCHIST
 Well depth: 23.5 Hole depth: 24.0
 Source of depth data: Not Reported
 Project number: 444209600
 Real time data flag: 0 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00
 Peak flow data count: 0 Water quality data begin date: 1980-10-16
 Water quality data end date: 1980-10-16 Water quality data count: 1
 Ground water data begin date: 1980-10-09 Ground water data end date: 1980-10-09
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1980-10-09	16.72	

I27
 WSW
 1/2 - 1 Mile
 Lower

FED USGS USGS2151184

Agency cd:	USGS	Site no:	395827075115801
Site name:	PH 518	EDR Site id:	USGS2151184
Latitude:	395827	Dec lat:	39.97427937
Longitude:	0751158	Coor meth:	M
Dec lon:	-75.19906836	Latlong datum:	NAD27
Coor accr:	S	District:	42
Dec latlong datum:	NAD83	County:	101
State:	42	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	PHILADELPHIA		
Altitude:	80.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19040101
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	WISSAHICKON FORMATION,OLIGOCLASE MICA SCHIST		
Well depth:	450	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 1904-01-01
 Ground water data count: 1

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 1904-01-01

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1904-01-01	50.00	

I28
WSW
 1/2 - 1 Mile
 Lower

PA WELLS PASI30000028204

Dep counter:	0	Siteid:	395827075115801
Transactio:	1	Local welln:	PH 518
County:	PHILADELPHIA	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	300WSCK
Topography:	HILLSIDE	Well depth:	450
Elevation:	80		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	PHILADELPHIA
Type of site:	WELL	Date created:	08/14/1980
Date updated:	04/19/1991		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	PHILADELPHIA		
Latitude dd:	39.9741666667		
Longitude dd:	-75.1994444444		
Well address:	Not Reported		
Well zipcode:	Not Reported	Depth to bedrock:	0
Bedrock not:	0	Saltwaterz:	0
Date drilled:	01/01/1904	Pagwis id:	30076
Source site:	1	Local permit:	Not Reported
Latest owner:	29858	Driller sc:	0
Latest prod:	26745	Latest well:	30076
Site id:	PASI30000028204		

J29
SSE
 1/2 - 1 Mile
 Higher

FED USGS USGS2151234

Agency cd:	USGS	Site no:	395811075103801
Site name:	PH 487		
Latitude:	395811	EDR Site id:	USGS2151234
Longitude:	0751038	Dec lat:	39.96983492
Dec lon:	-75.17684509	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	42
State:	42	County:	101
Country:	US	Land net:	Not Reported
Location map:	PHILADELPHIA	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	100.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Schuylkill, Pennsylvania. Area = 1900 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	WISSAHICKON FORMATION,OLIGOCLASE MICA SCHIST		
Well depth:	495	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

J30
SSE
1/2 - 1 Mile
Higher

PA WELLS PASI30000027585

Dep counter:	0	Siteid:	395811075103801
Transactio:	1	Local welln:	PH 487
County:	PHILADELPHIA	Latitude:	Not Reported
Longitude:	Not Reported	Aapg code:	300WSCK
Topography:	HILLSIDE	Well depth:	495
Elevation:	100		
Elev method:	INTERPOLATED FROM TOPOGRAPHIC MAP		
Accuracy of elev:	10	Hydrologic:	02040203
Latlong acc:	ACCURATE TO +1 SECOND	Quad code:	PHILADELPHIA
Type of site:	WELL	Date created:	04/28/1979
Date updated:	04/19/1991		
Data Reliability:	FIELD CHECKED BY REPORTING AGENCY (PaDAg pest. survey)		
Source Depth Data:	OTHER/UNKNOWN/UNSPECIFIED		
Municipality:	PHILADELPHIA		
Latitude dd:	39.9697222222		
Longitude dd:	-75.1772222222		
Well address:	Not Reported	Depth to bedrock:	0
Well zipcode:	Not Reported	Saltwaterz:	0
Bedrock not:	0	Pagwis id:	30067
Date drilled:	01/01/1930	Local permit:	Not Reported
Source site:	1	Driller sc:	0
Latest owner:	29847	Latest well:	30067
Latest prod:	26736		
Site id:	PASI30000027585		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

RADON

AREA RADON INFORMATION

State Database: PA Radon

Radon Test Results

Zipcode	Num Tests	Min pCi/L	Max pCi/L	Avg pCi/L
19121	77	0.1	9.8	1.7

EPA Region 3 Statistical Summary Readings for Zip Code: 19121

Number of sites tested: 28.

Maximum Radon Level: 2.7 pCi/L.

Minimum Radon Level: 0.1 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
28 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

Federal EPA Radon Zone for PHILADELPHIA County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Pennsylvania Public Water Supply Wells

Source: Pennsylvania Department of Environmental Resources Bureau of Water Supply

Telephone: 717-787-5017

Pennsylvania Groundwater Information System

Source: Department of Conservation and Natural Resources

Telephone: 717-702-2045

OTHER STATE DATABASE INFORMATION

Pennsylvania Oil and Gas Locations

Source: Pennsylvania Department of Environmental Protection

Telephone: 814-863-0104

An Oil and Gas Location is a DEP primary facility type related to the Oil & Gas Program. The sub-facility types related to Oil and Gas that are included in this layer are: Land Application – An area where drilling cuttings or waste are disposed by land application; Well-- A well associated with oil and/or gas production; Pit – An approved pit that is used for storage of oil and gas well fluids. Some sub facility types are not included in this layer due to security policies.

RADON

State Database: PA Radon

Source: Department of Environmental Protection

Telephone: 717-783-3594

Radon Test Results Statistics by Zip Code

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Region 3 Statistical Summary Readings

Source: Region 3 EPA

Telephone: 215-814-2082

Radon readings for Delaware, D.C., Maryland, Pennsylvania, Virginia and West Virginia.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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APPENDIX F

HISTORICAL AERIAL PHOTOGRAPHS



Glenwood Site

3033 Glenwood Avenue
Philadelphia, PA 19121

Inquiry Number: 3083604.5

June 01, 2011



The EDR Aerial Photo Decade Package

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography June 01, 2011

Target Property:

3033 Glenwood Avenue

Philadelphia, PA 19121

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1942	Aerial Photograph. Scale: 1"=500'	Panel #: 39075-H2, Philadelphia, PA;/Flight Date: October 08, 1942	EDR
1950	Aerial Photograph. Scale: 1"=500'	Panel #: 39075-H2, Philadelphia, PA;/Flight Date: March 17, 1950	EDR
1953	Aerial Photograph. Scale: 1"=500'	Panel #: 39075-H2, Philadelphia, PA;/Flight Date: March 11, 1953	EDR
1965	Aerial Photograph. Scale: 1"=500'	Panel #: 39075-H2, Philadelphia, PA;/Flight Date: April 01, 1965	EDR
1971	Aerial Photograph. Scale: 1"=500'	Panel #: 39075-H2, Philadelphia, PA;/Flight Date: August 17, 1971	EDR
1973	Aerial Photograph. Scale: 1"=500'	Panel #: 39075-H2, Philadelphia, PA;/Flight Date: March 13, 1973	EDR
1986	Aerial Photograph. Scale: 1"=750'	Panel #: 39075-H2, Philadelphia, PA;/Flight Date: April 01, 1986	EDR
1992	Aerial Photograph. Scale: 1"=750'	Panel #: 39075-H2, Philadelphia, PA;/Flight Date: March 29, 1992	EDR



INQUIRY #: 3083604.5

YEAR: 1942

| = 500'





INQUIRY #: 3083604.5

YEAR: 1950

| = 500'





INQUIRY #: 3083604.5

YEAR: 1953

| = 500'





INQUIRY #: 3083604.5

YEAR: 1965

| = 500'



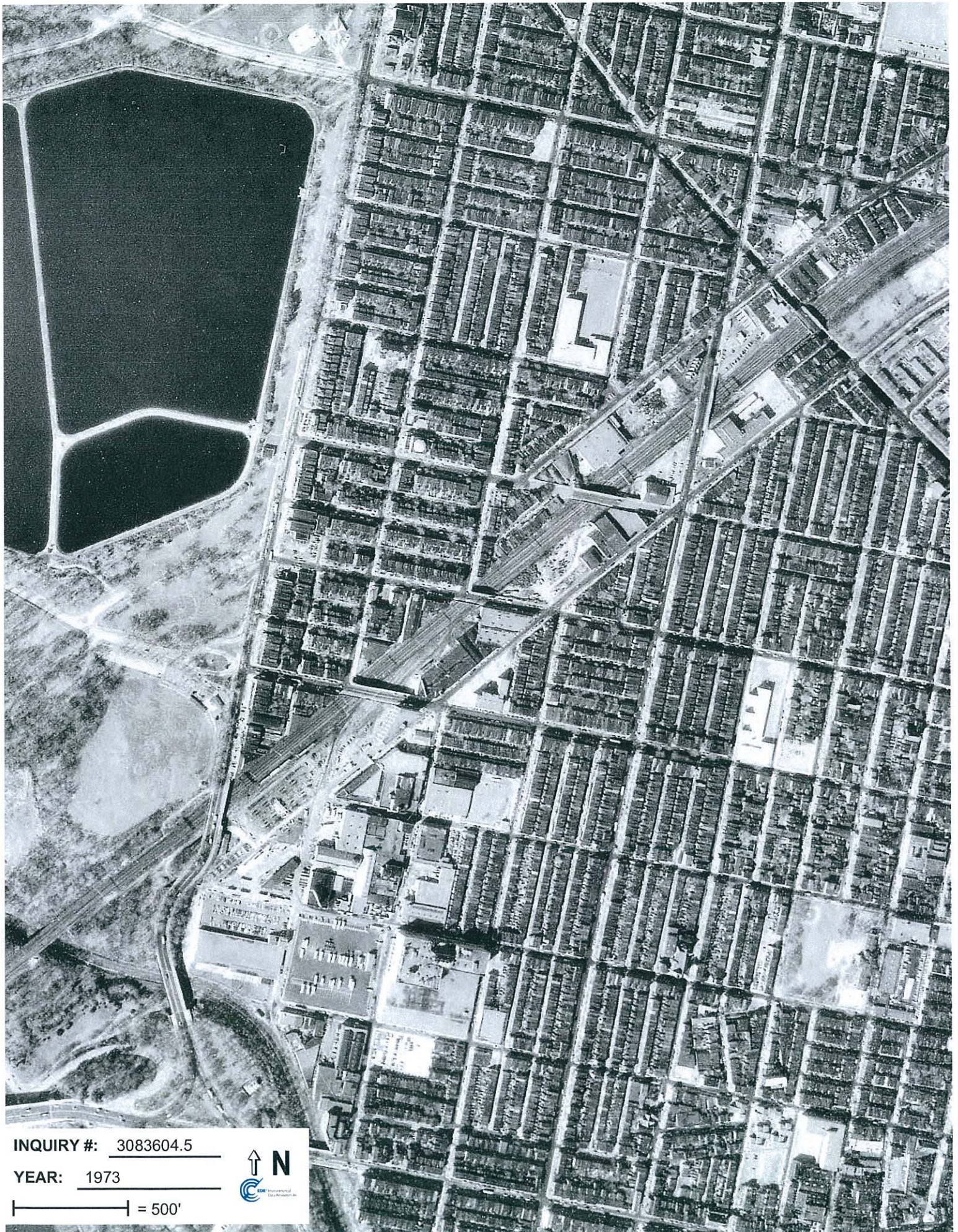


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YEAR: 1971

| = 500'





INQUIRY #: 3083604.5

YEAR: 1973

| = 500'





INQUIRY #: 3083604.5

YEAR: 1986

| = 750'





INQUIRY #: 3083604.5

YEAR: 1992

| = 750'



APPENDIX G

SANBORN FIRE INSURANCE MAPS

Glenwood Site

3033 Glenwood Avenue
Philadelphia, PA 19121

Inquiry Number: 3083604.3

June 01, 2011

Continued Site Visit Map Report

Certified Sanborn® Map Report

6/01/11

Site Name:

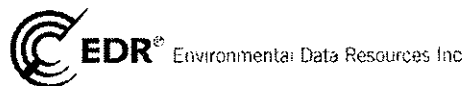
Glenwood Site
3033 Glenwood Avenue
Philadelphia, PA 19121

Client Name:

Duffield Associates, Inc.
5400 Limestone Road
Wilmington, DE 19808

EDR Inquiry # 3083604.3

Contact: Brad Summerville



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Duffield Associates, Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Glenwood Site
Address: 3033 Glenwood Avenue
City, State, Zip: Philadelphia, PA 19121
Cross Street:
P.O. # 8165.EG
Project: Glenwood Site
Certification # CDA8-4196-8F9F



Sanborn® Library search results
Certification # CDA8-4196-8F9F

Maps Provided:

2006 1951
2004 1918
2002
1989
1980
1976

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

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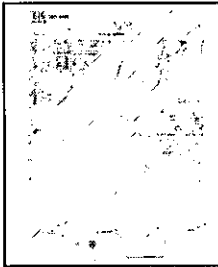
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Sanborn Sheet Thumbnails

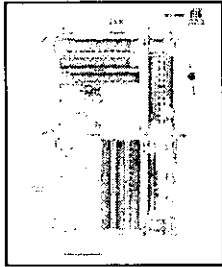
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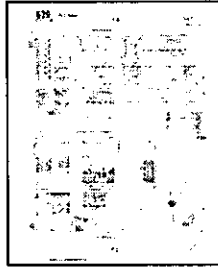
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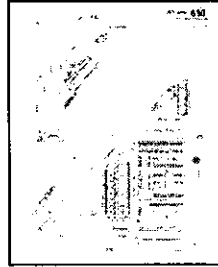
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Volume 7, Sheet 616

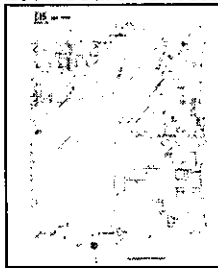


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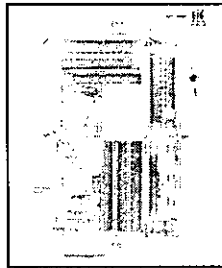


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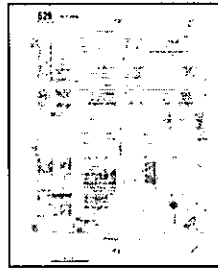
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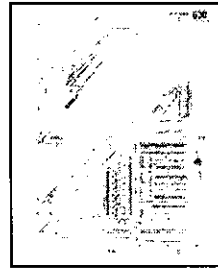
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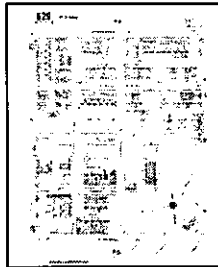


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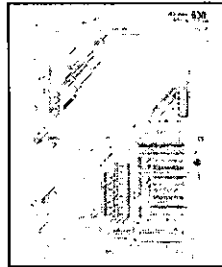


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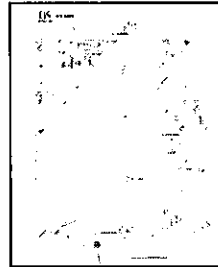
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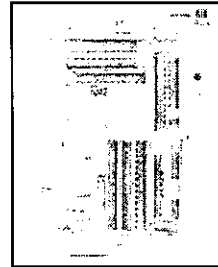
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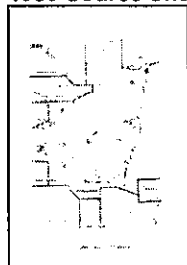


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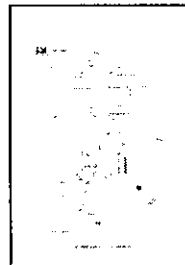


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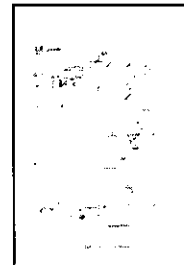
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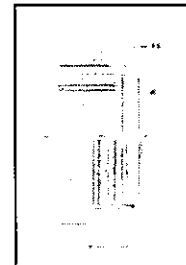
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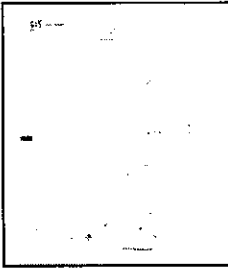


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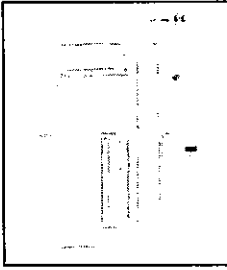


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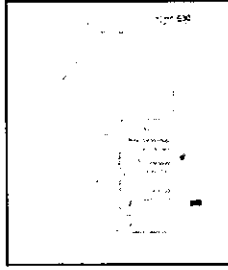
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Volume 7, Sheet 616

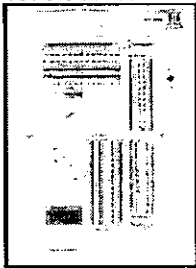


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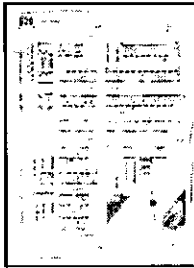


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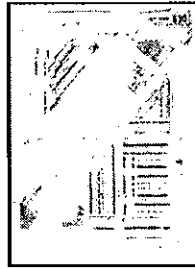
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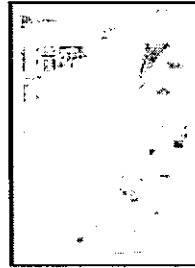
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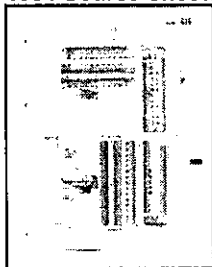


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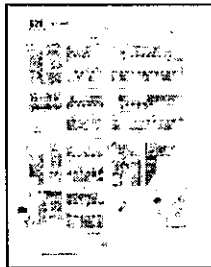


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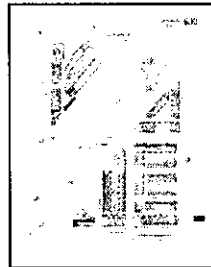
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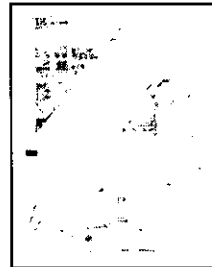
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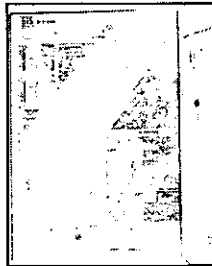


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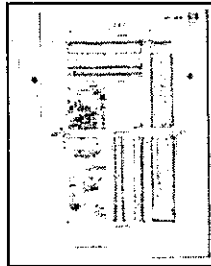


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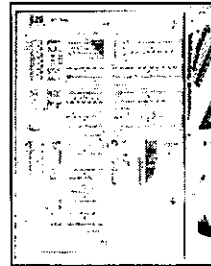
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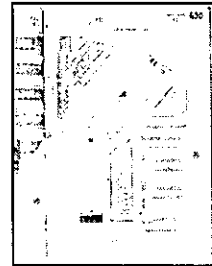
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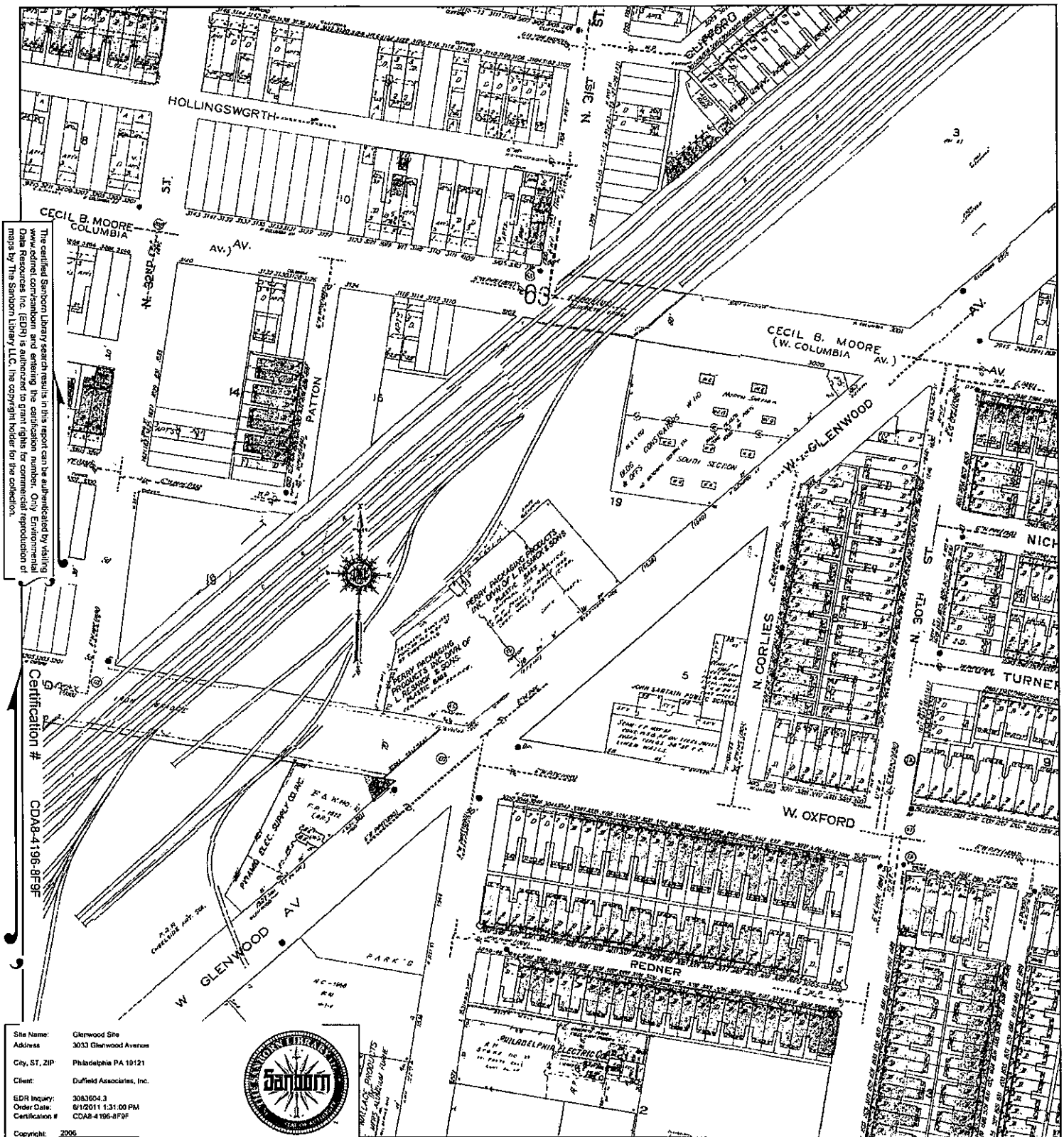


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Volume 7, Sheet 630

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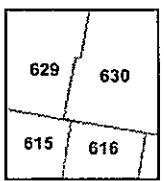
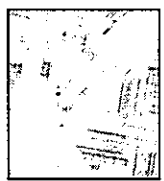
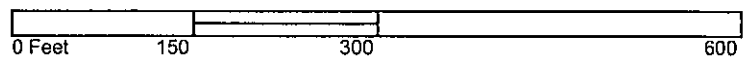
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Certification # CDAB-4196-8F9F

Site Name: Glenwood Site
Address: 3033 Glenwood Avenue
City, ST, ZIP: Philadelphia PA 19121
Client: Duffield Associates, Inc.
EDRI Inquiry: 3083604.3
Order Date: 6/12/2011 1:31:00 PM
Certification #: CDAB-4196-8F9F



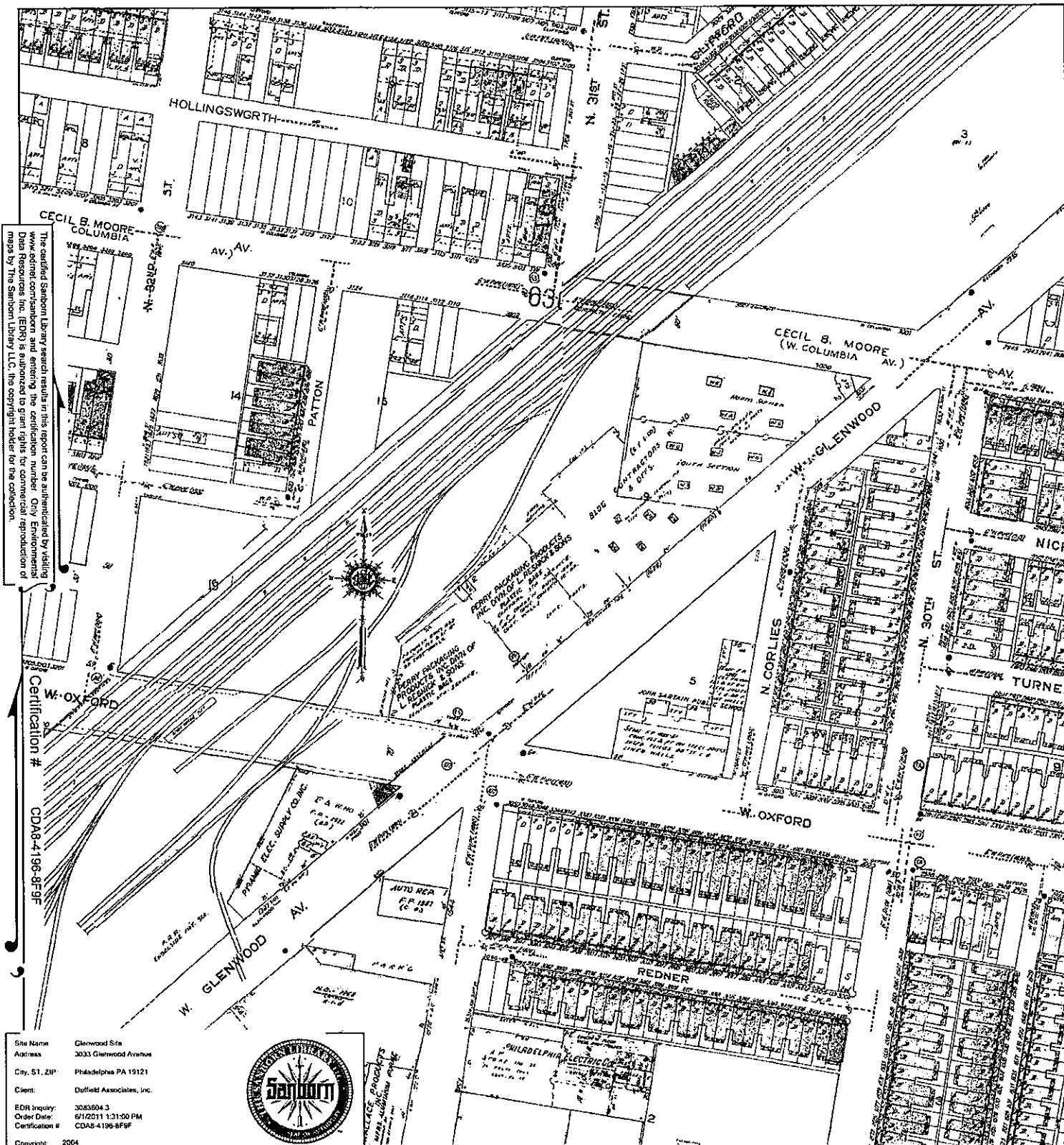
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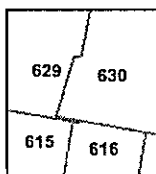
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Volume 7, Sheet 630



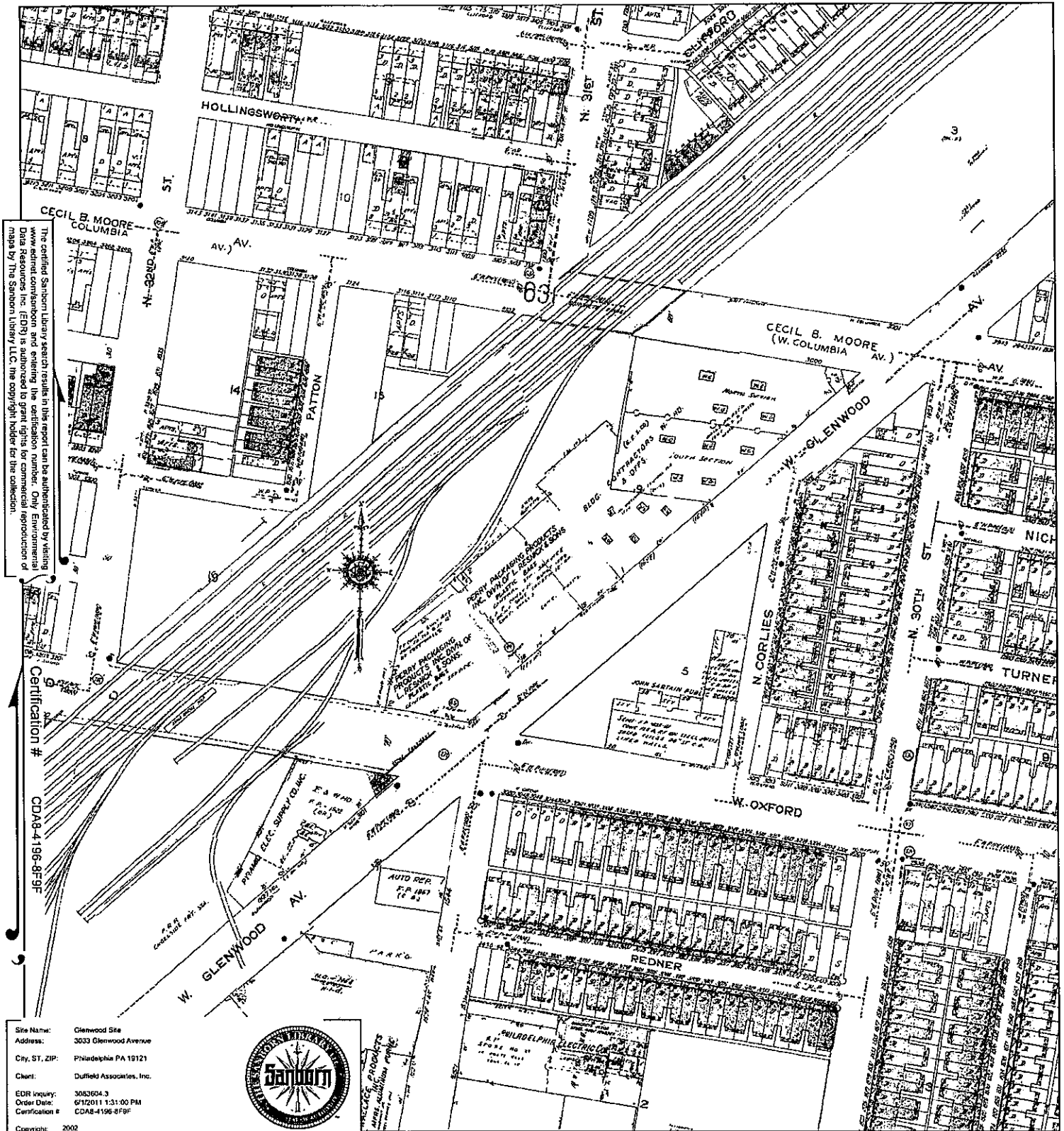
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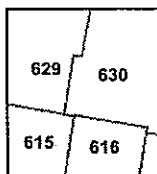
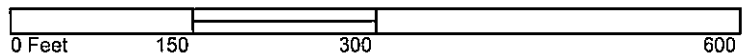
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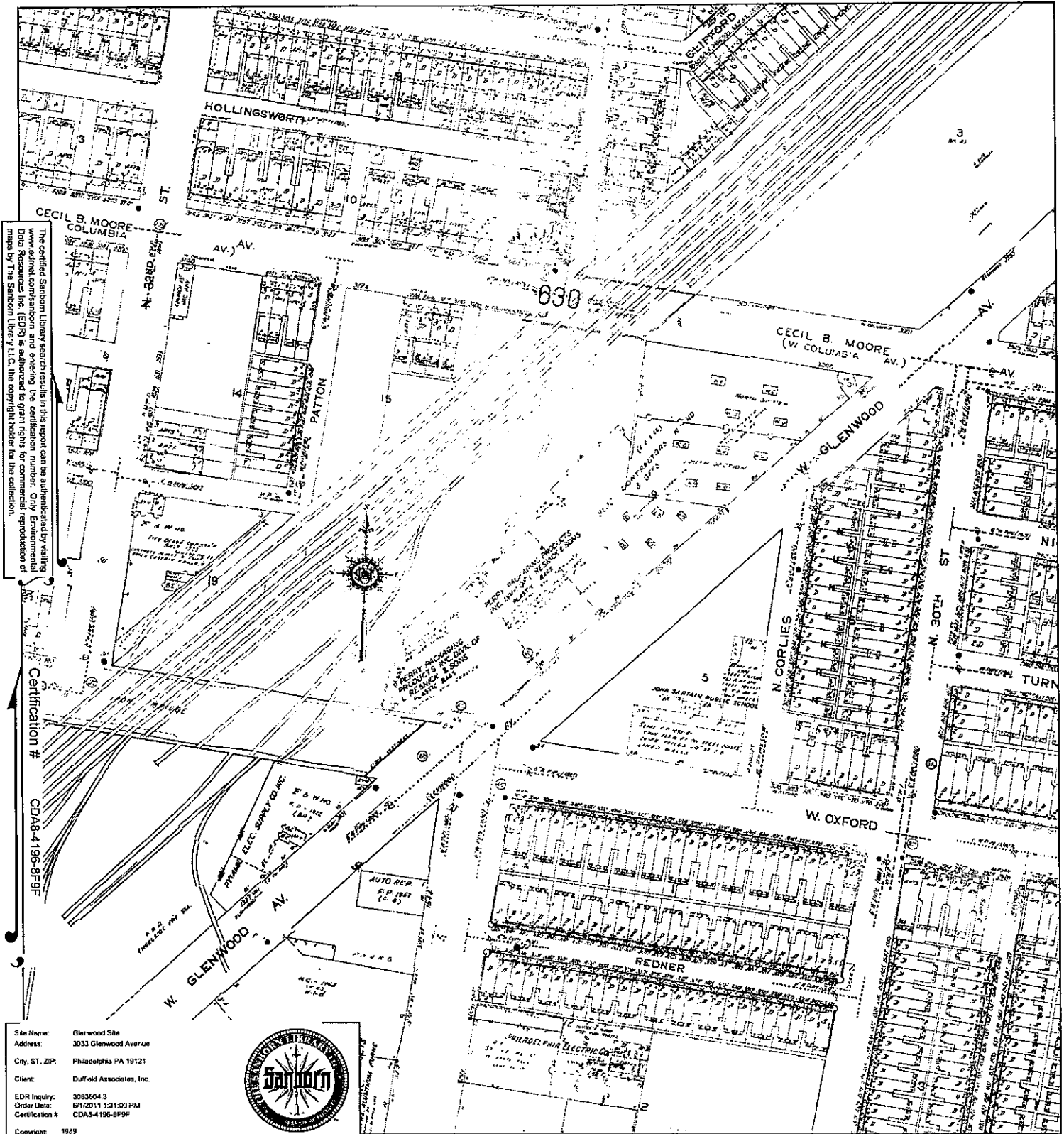
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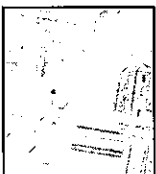
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CDA8-4196-8F9F

Site Name: Glenwood Site
Address: 3033 Glenwood Avenue
City, ST, ZIP: Philadelphia PA 19121
Client: Duffell Associates, Inc.
EDR Inquiry: 3083604.3
Order Date: 6/12/2011 1:31:00 PM
Certification #: CDA8-4196-8F9F
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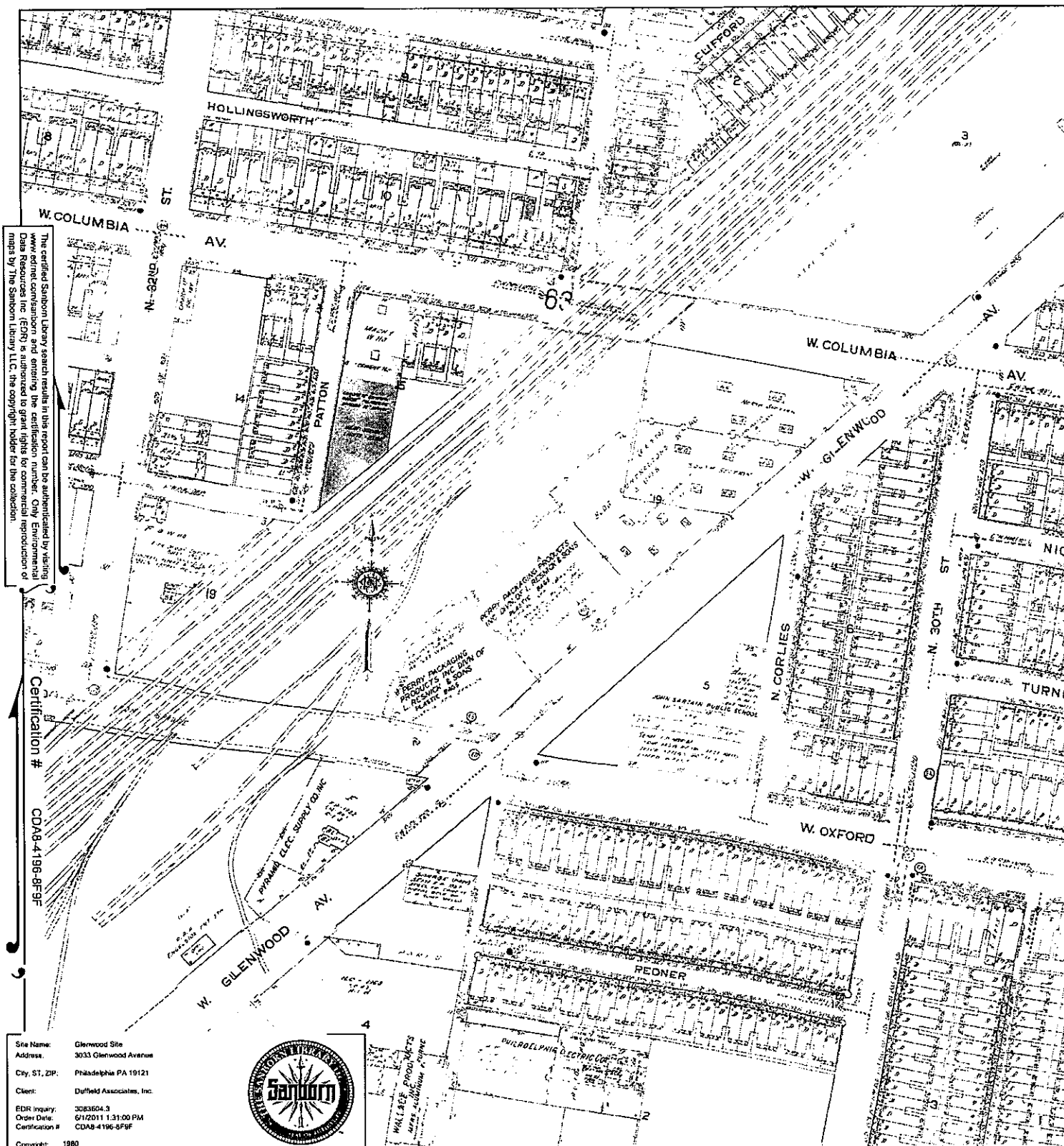


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1899	
615	616

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Volume 7, Sheet 629
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Volume 7, Sheet 616

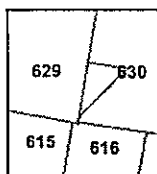
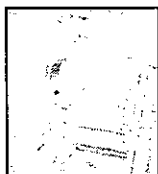


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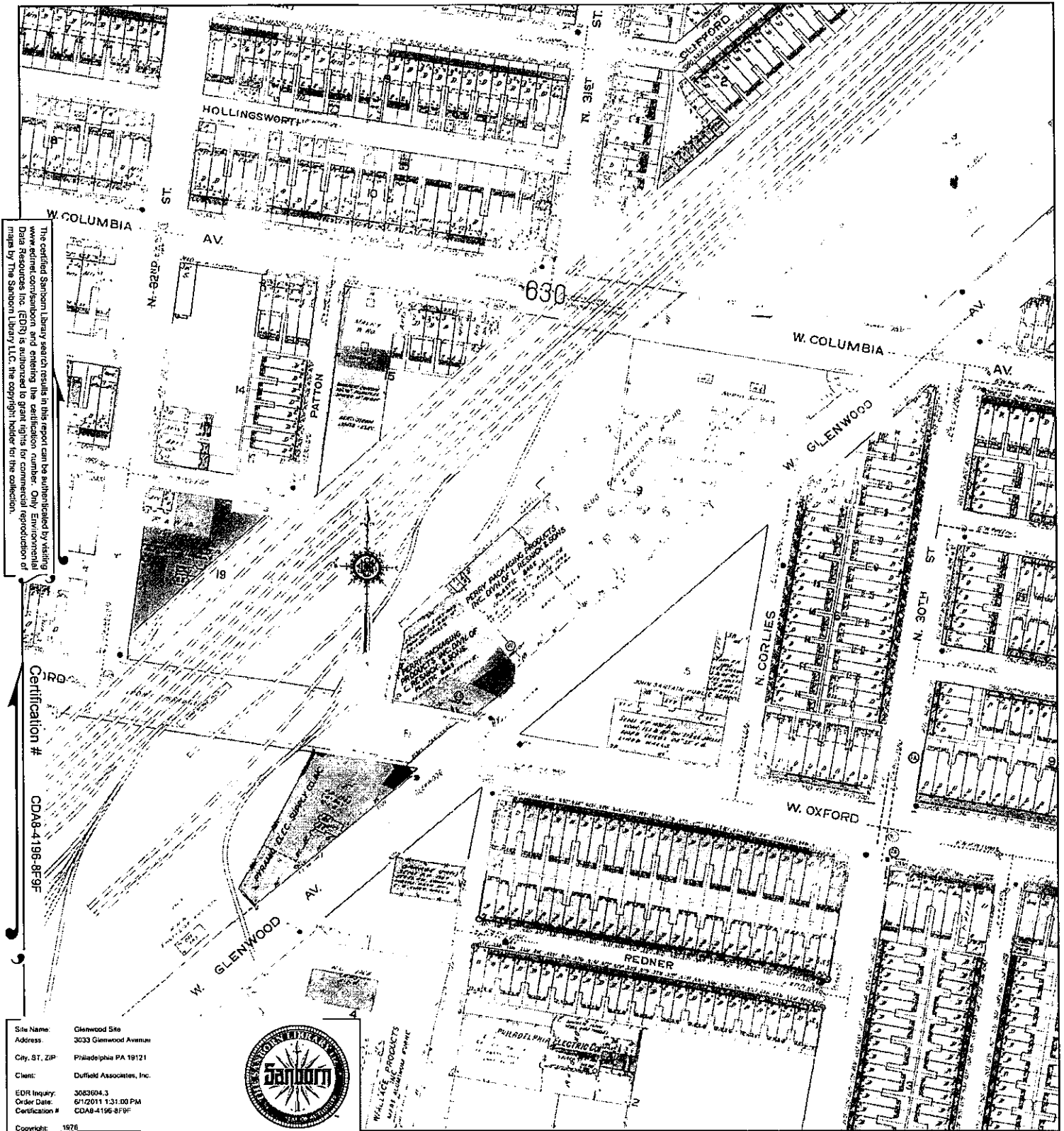
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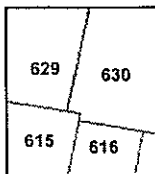
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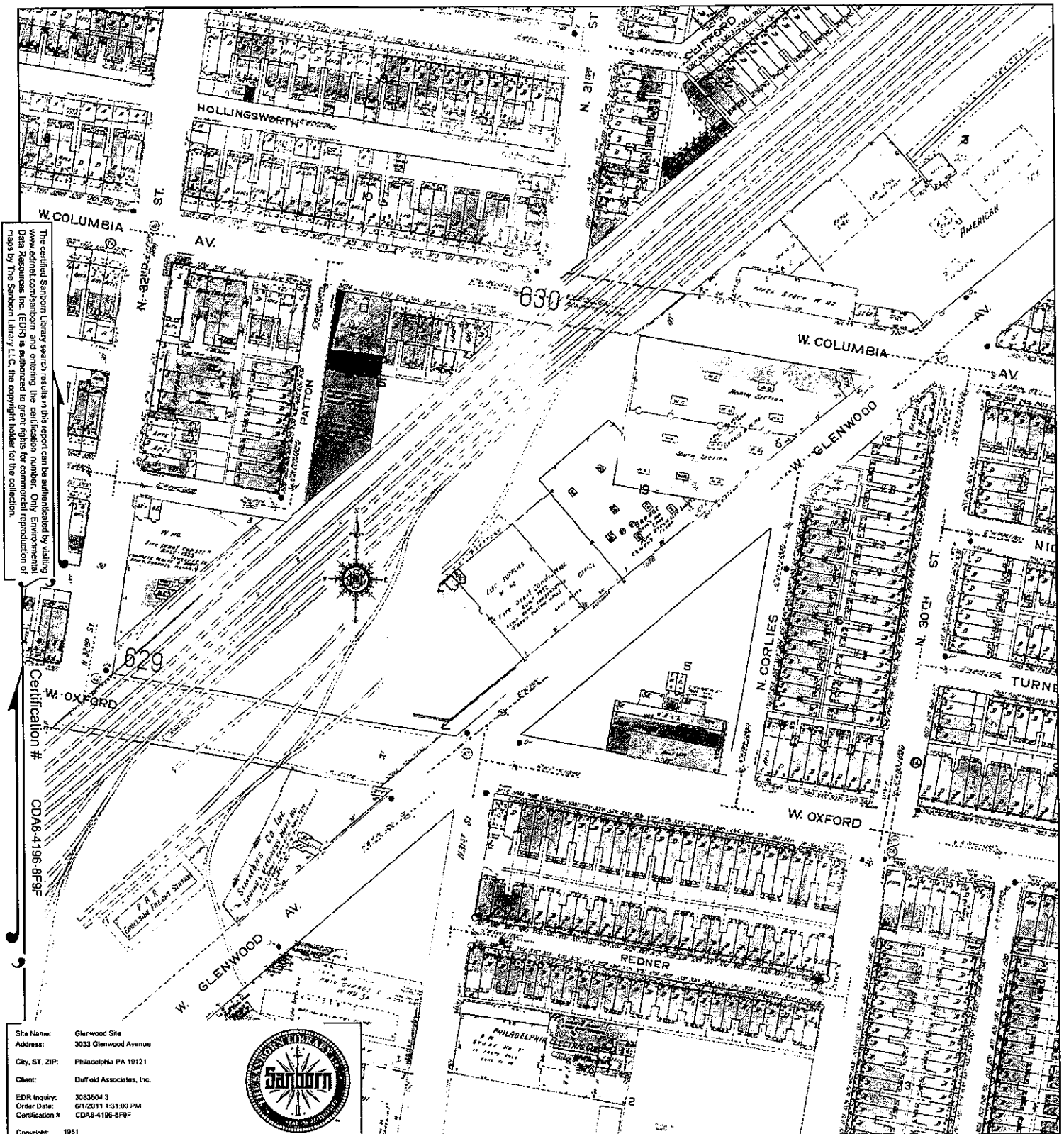


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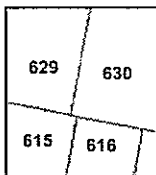
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 Volume 7, Sheet 615

1951 Certified Sanborn Map



This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

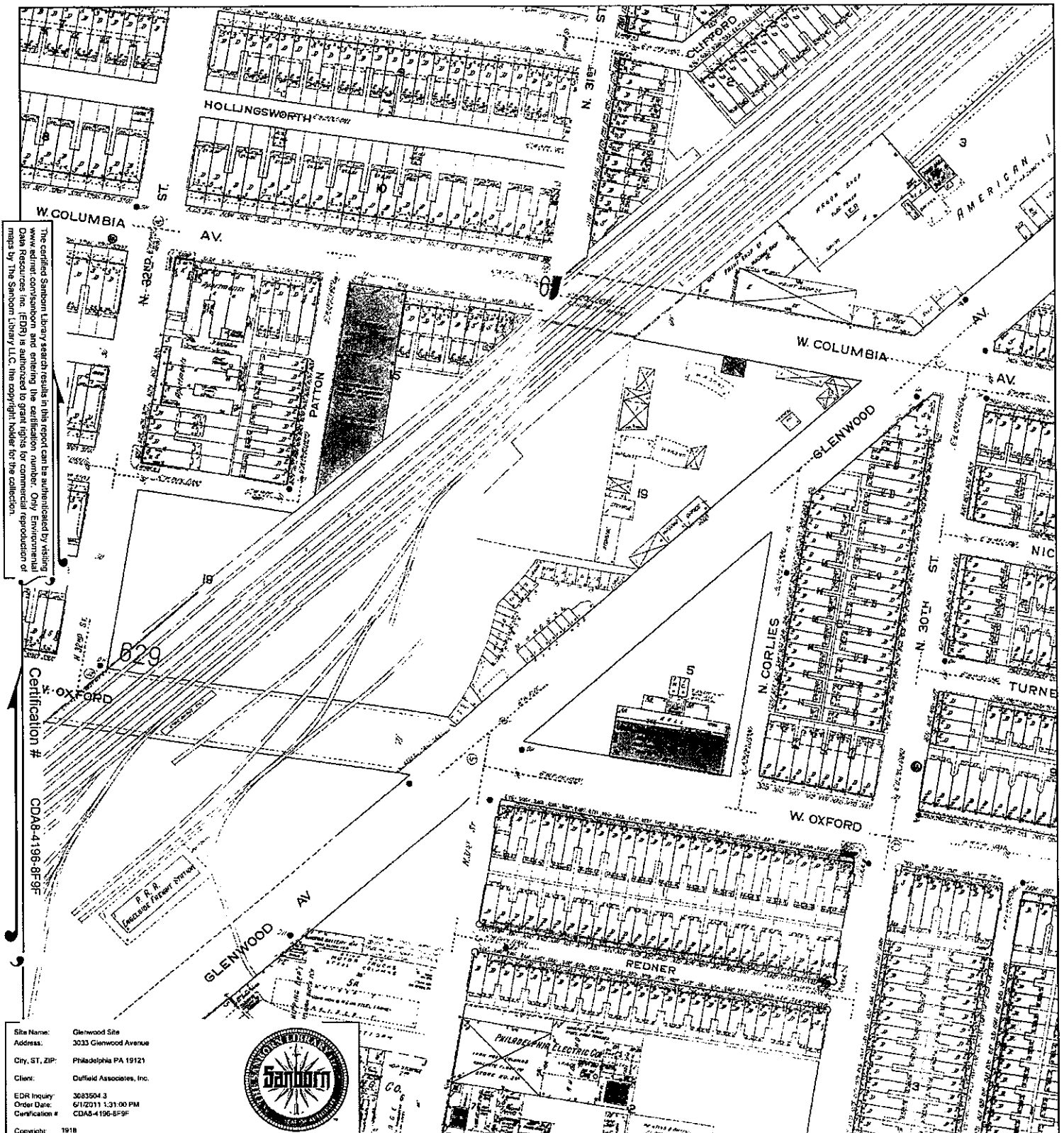
0 Feet 150 300 600



Volume 7, Sheet 616
Volume 7, Sheet 629
Volume 7, Sheet 630
Volume 7, Sheet 615

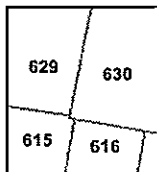


1918 Certified Sanborn Map



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 7, Sheet 615
 Volume 7, Sheet 616
 Volume 7, Sheet 629
 Volume 7, Sheet 630



APPENDIX H

HISTORIC TOPOGRAPHIC MAPS



Glenwood Site

3033 Glenwood Avenue
Philadelphia, PA 19121

Inquiry Number: 3083604.4
June 01, 2011

EDR Historical Topographic Map Report

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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Historical Topographic Map



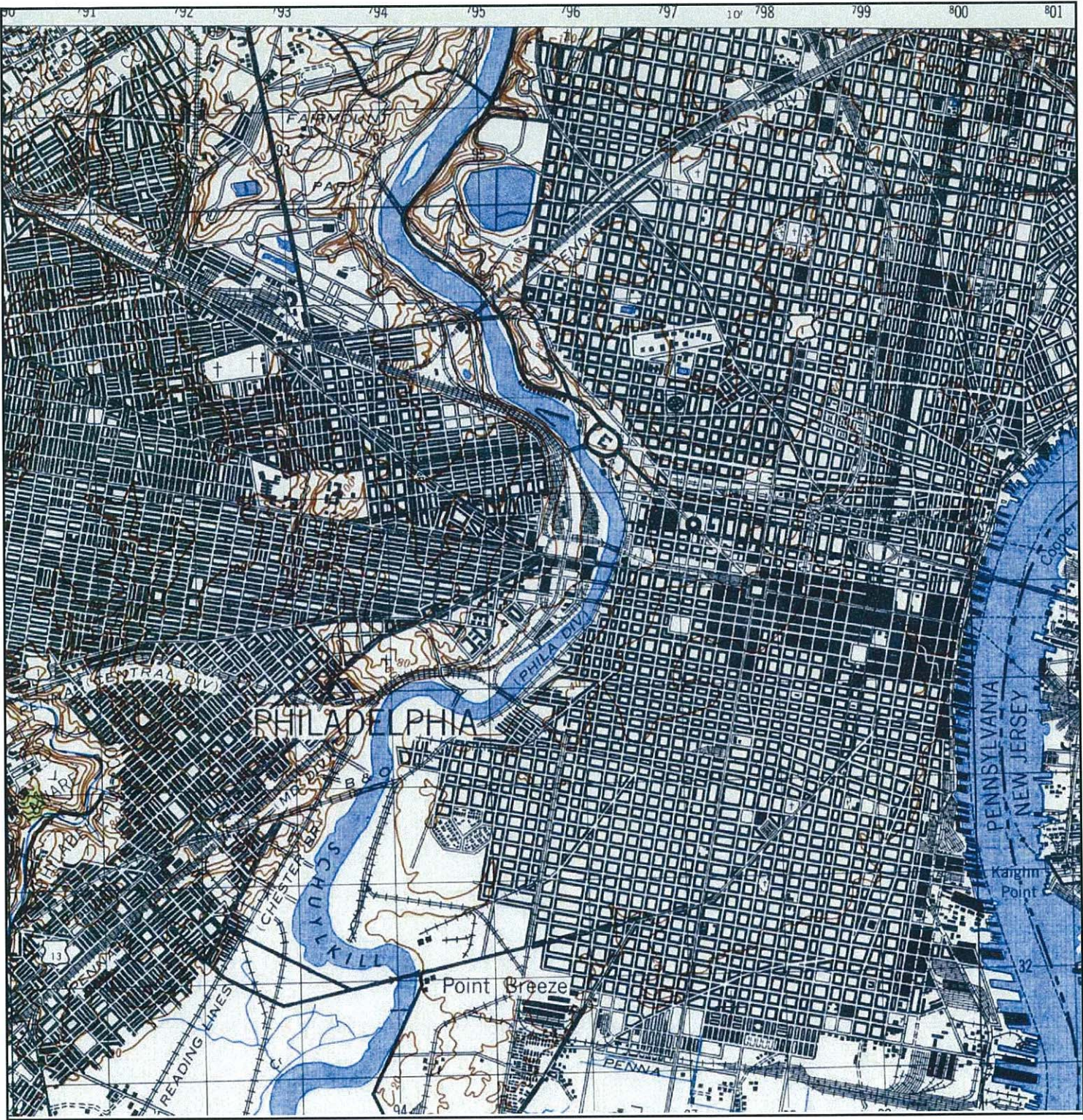
	TARGET QUAD NAME: PHILADELPHIA MAP YEAR: 1898	SITE NAME: Glenwood Site ADDRESS: 3033 Glenwood Avenue Philadelphia, PA 19121 LAT/LONG: 39.9814 / -75.1852	CLIENT: Duffield Associates, Inc. CONTACT: Brad Summerville INQUIRY#: 3083604.4 RESEARCH DATE: 06/01/2011
	SERIES: 15 SCALE: 1:62500		

Historical Topographic Map



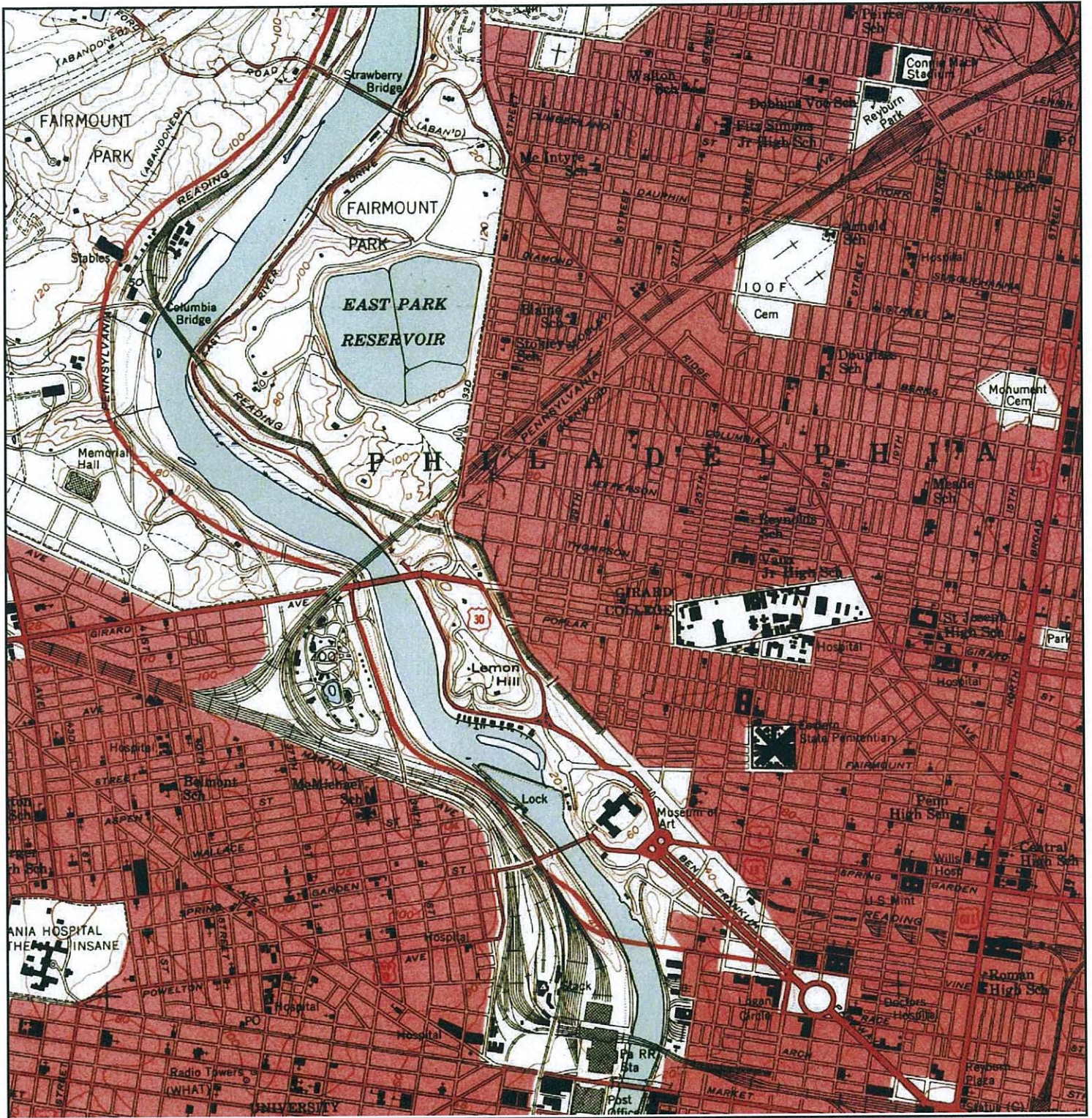
<div data-bbox="110 1801 142 1906"> </div> <div data-bbox="167 1774 410 1959"> <p>TARGET QUAD NAME: CAMDEN MAP YEAR: 1901</p> <p>SERIES: 30 SCALE: 1:125000</p> </div>	<div data-bbox="475 1774 873 1896"> <p>SITE NAME: Glenwood Site ADDRESS: 3033 Glenwood Avenue Philadelphia, PA 19121 LAT/LONG: 39.9814 / -75.1852</p> </div>	<div data-bbox="946 1774 1352 1896"> <p>CLIENT: Duffield Associates, Inc. CONTACT: Brad Summerville INQUIRY#: 3083604.4 RESEARCH DATE: 06/01/2011</p> </div>
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Historical Topographic Map



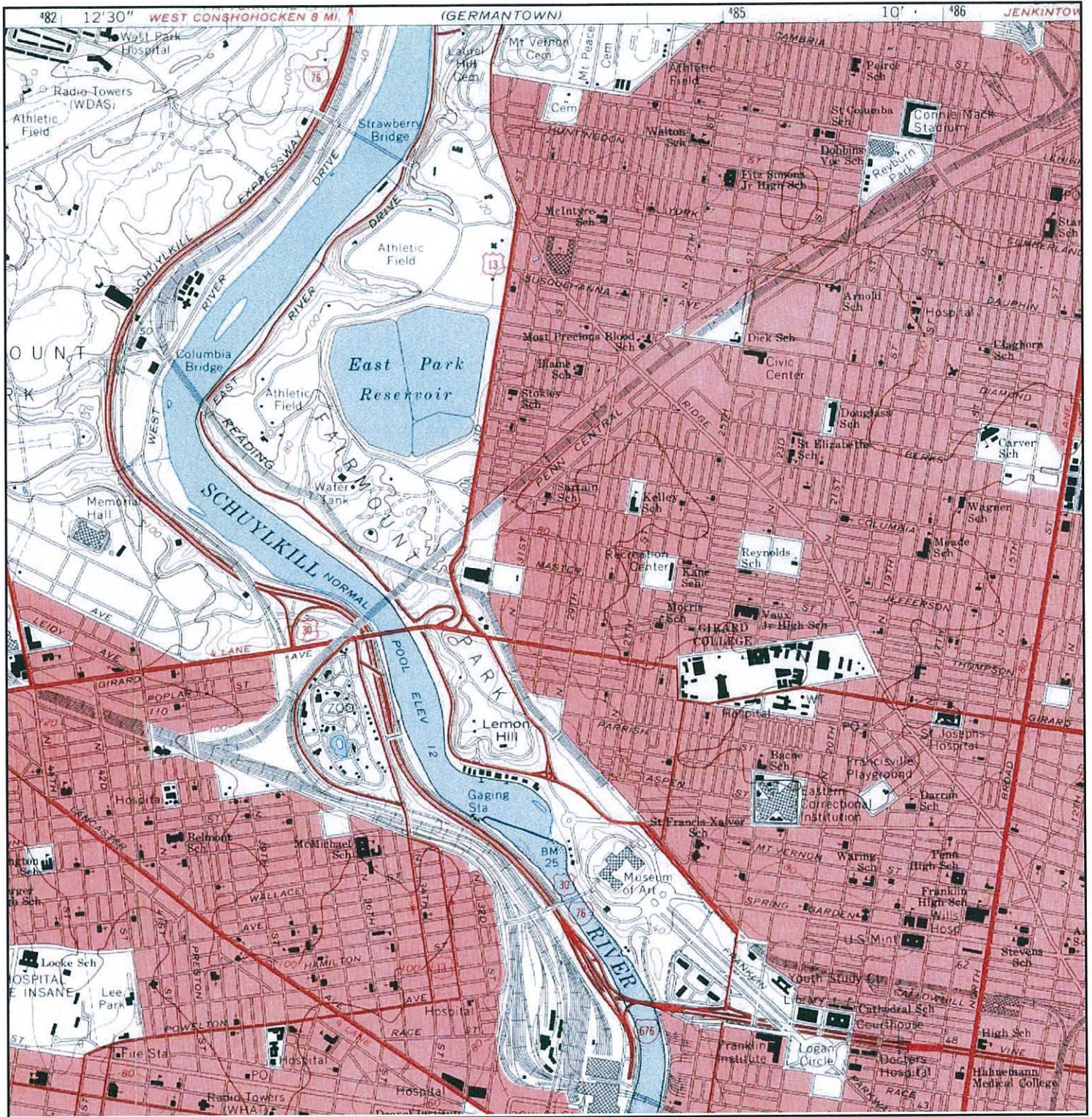
	TARGET QUAD NAME: PHILADELPHIA MAP YEAR: 1943	SITE NAME: Glenwood Site ADDRESS: 3033 Glenwood Avenue Philadelphia, PA 19121 LAT/LONG: 39.9814 / -75.1852	CLIENT: Duffield Associates, Inc. CONTACT: Brad Summerville INQUIRY#: 3083604.4 RESEARCH DATE: 06/01/2011
	SERIES: 15		
	SCALE: 1:50000		

Historical Topographic Map



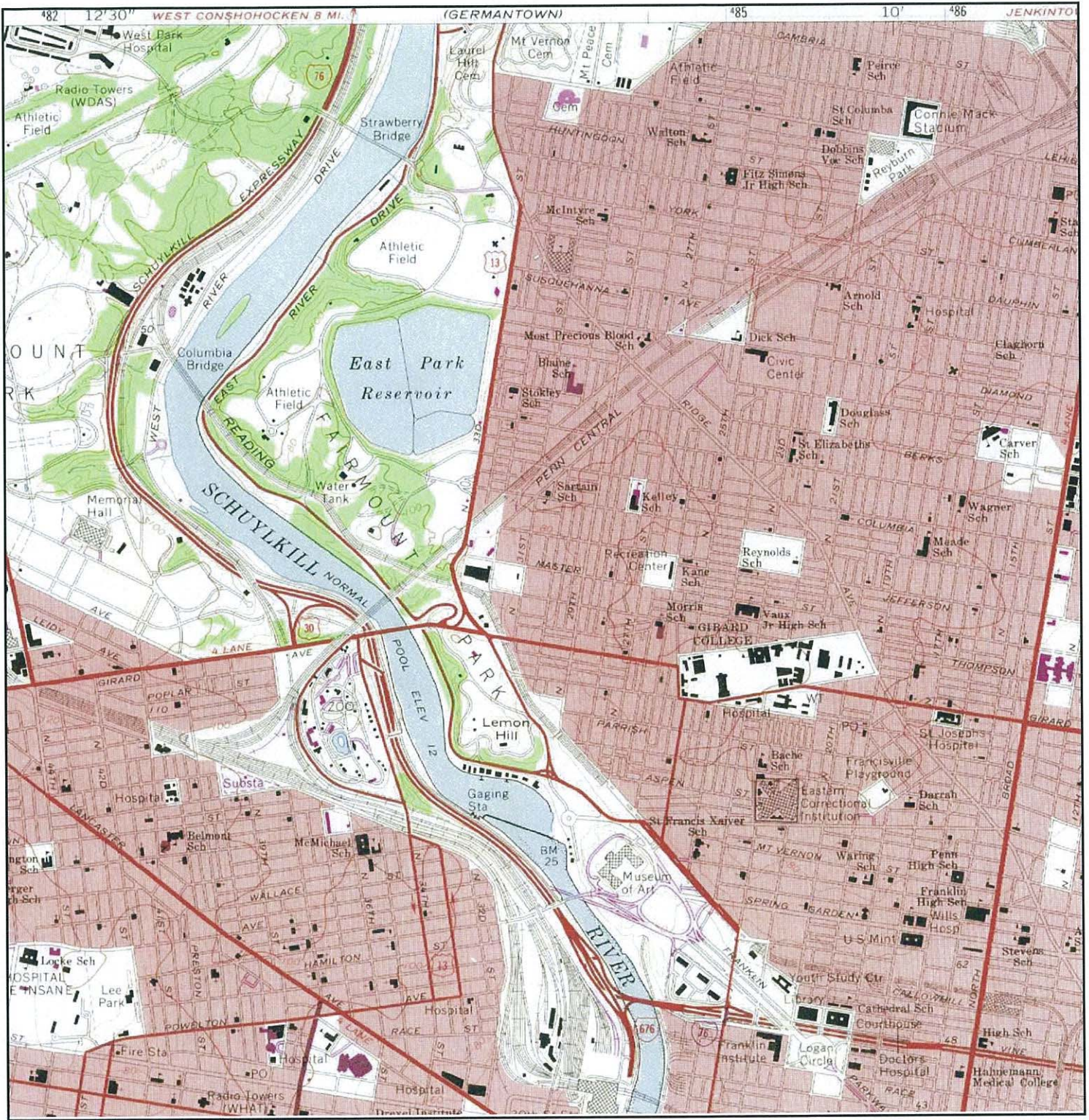
	TARGET QUAD	SITE NAME:	Glenwood Site	CLIENT:	Duffield Associates, Inc.
	NAME: PHILADELPHIA	ADDRESS:	3033 Glenwood Avenue	CONTACT:	Brad Summerville
	VICINITY WEST 1 of 2		Philadelphia, PA 19121	INQUIRY#:	3083604.4
	MAP YEAR: 1956	LAT/LONG:	39.9814 / -75.1852	RESEARCH DATE:	06/01/2011
	SERIES: 7.5				
	SCALE: 1:24000				

Historical Topographic Map



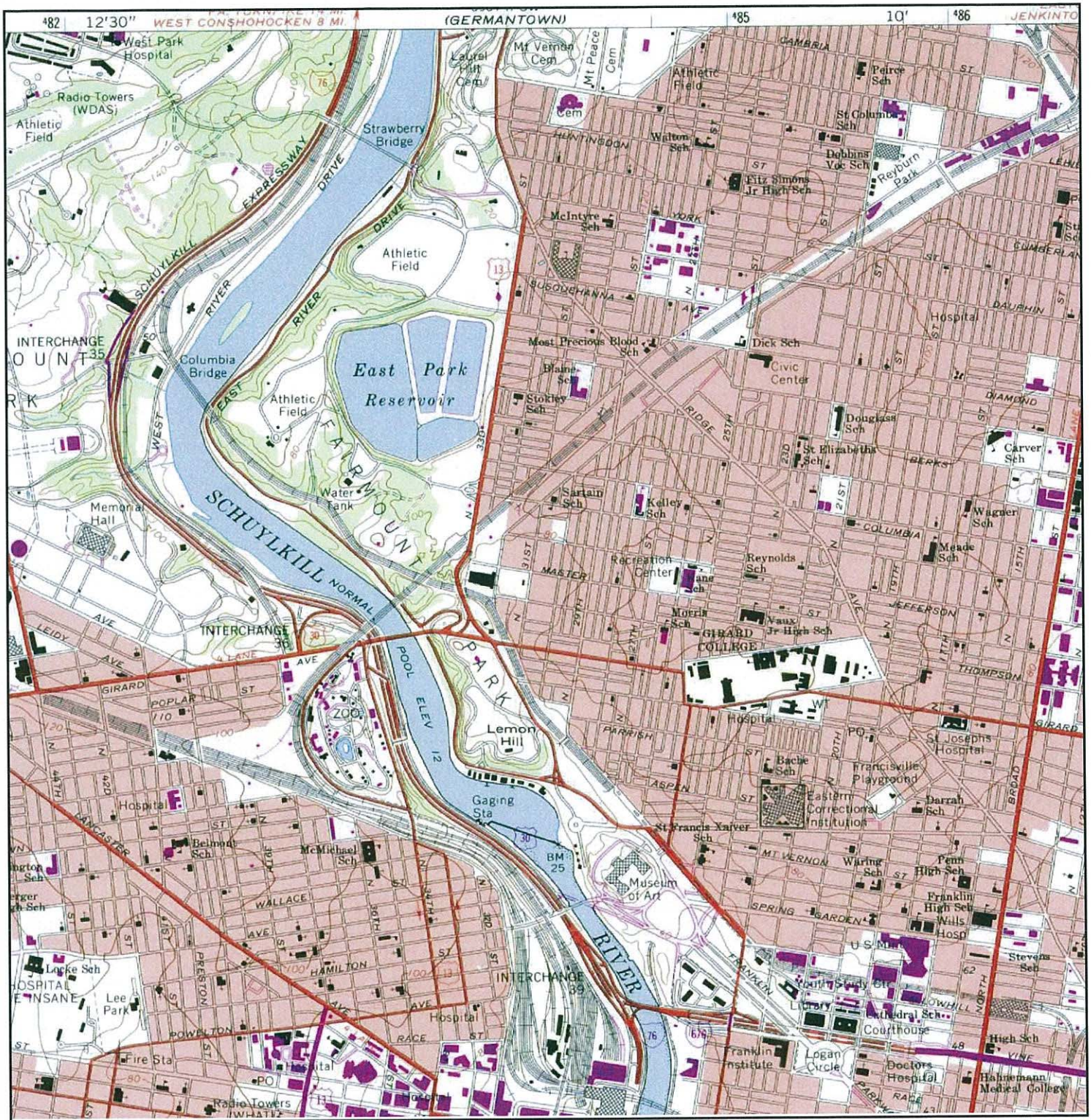
<div> <div>N</div> <div>↑</div> </div>	<div> <div>TARGET QUAD</div> <div>NAME: PHILADELPHIA</div> <div>MAP YEAR: 1967</div> <div>SERIES: 7.5</div> <div>SCALE: 1:24000</div> </div>	<div> <div>SITE NAME: Glenwood Site</div> <div>ADDRESS: 3033 Glenwood Avenue Philadelphia, PA 19121</div> <div>LAT/LONG: 39.9814 / -75.1852</div> </div>	<div> <div>CLIENT: Duffield Associates, Inc.</div> <div>CONTACT: Brad Summerville</div> <div>INQUIRY#: 3083604.4</div> <div>RESEARCH DATE: 06/01/2011</div> </div>

Historical Topographic Map



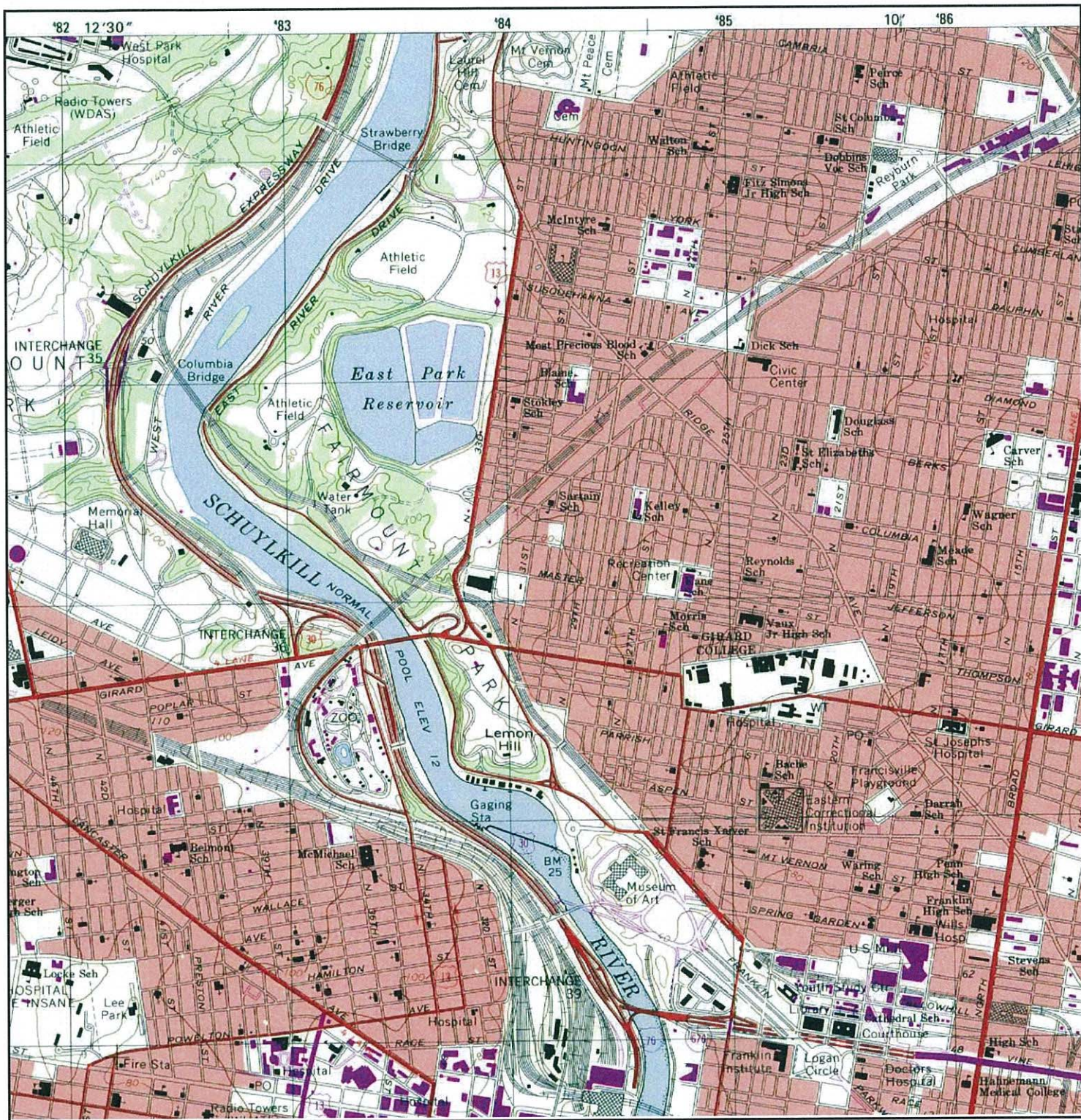
<div data-bbox="110 1801 142 1906" data-label="Image"> </div> <div data-bbox="167 1772 480 1955" data-label="Text"> <p>TARGET QUAD NAME: PHILADELPHIA MAP YEAR: 1973 PHOTOREVISED: 1967 SERIES: 7.5 SCALE: 1:24000</p> </div>	<div data-bbox="548 1772 954 1892" data-label="Text"> <p>SITE NAME: Glenwood Site ADDRESS: 3033 Glenwood Avenue Philadelphia, PA 19121 LAT/LONG: 39.9814 / -75.1852</p> </div>	<div data-bbox="1024 1772 1430 1892" data-label="Text"> <p>CLIENT: Duffield Associates, Inc. CONTACT: Brad Summerville INQUIRY#: 3083604.4 RESEARCH DATE: 06/01/2011</p> </div>
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Historical Topographic Map



<div>N</div> <div>↑</div>	TARGET QUAD	SITE NAME: Glenwood Site	CLIENT: Duffield Associates, Inc.
	NAME: PHILADELPHIA	ADDRESS: 3033 Glenwood Avenue	CONTACT: Brad Summerville
	MAP YEAR: 1994	Philadelphia, PA 19121	INQUIRY#: 3083604.4
	REVISED:1967	LAT/LONG: 39.9814 / -75.1852	RESEARCH DATE: 06/01/2011
	SERIES: 7.5		
	SCALE: 1:24000		

Historical Topographic Map



<div data-bbox="110 1801 142 1906" data-label="Image"> </div> <div data-bbox="167 1772 475 1864" data-label="Text"> <p>TARGET QUAD NAME: PHILADELPHIA MAP YEAR: 1995</p> </div> <div data-bbox="167 1896 394 1959" data-label="Text"> <p>SERIES: 7.5 SCALE: 1:24000</p> </div>	<div data-bbox="548 1772 950 1896" data-label="Text"> <p>SITE NAME: Glenwood Site ADDRESS: 3033 Glenwood Avenue Philadelphia, PA 19121 LAT/LONG: 39.9814 / -75.1852</p> </div>	<div data-bbox="1023 1772 1424 1896" data-label="Text"> <p>CLIENT: Duffield Associates, Inc. CONTACT: Brad Summerville INQUIRY#: 3083604.4 RESEARCH DATE: 06/01/2011</p> </div>

APPENDIX I

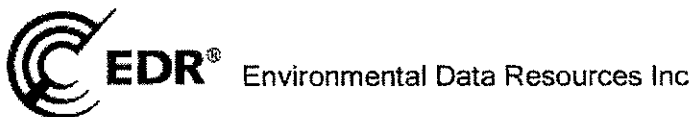
CITY DIRECTORY ABSTRACT

Glenwood Site

3033 W Glenwood Avenue
Philadelphia, PA 19121

Inquiry Number: 3083604.6
June 01, 2011

The EDR City Directory Abstract



440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

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Executive Summary

Findings

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2006. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 332 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>IP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2006	Haines Company, Inc.	-	-	-	-
2001	Cole Information Services	-	X	X	-
1993	The Bell Telephone Company of Pennsylvania	X	X	X	-
1982	The Bell Telephone Company of Pennsylvania	-	X	X	-
1977	The Bell Telephone Company of Pennsylvania	-	X	X	-
1972	The Bell Telephone Company of Pennsylvania	-	X	X	-
1967	The Bell Telephone Company of Pennsylvania	-	X	X	-
1962	The Bell Telephone Company of Pennsylvania	-	-	-	-
1954	The Bell Telephone Company of Pennsylvania	-	X	X	-
1950	The Bell Telephone Company of Pennsylvania	-	X	X	-
1946	The Bell Telephone Company of Pennsylvania	-	X	X	-
1936	City Directory Inc., of Philadelphia	-	X	X	-
1930	R. L. Polk & Co. of Philadelphia	-	X	X	-
1925	R. L. Polk & Company of Philadelphia	-	X	X	-
1920	The Bell Telephone Company of Pennsylvania	-	X	X	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

3033 W Glenwood Avenue
Philadelphia, PA 19121

FINDINGS DETAIL

Target Property research detail.

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	TUCKER WILLIE J	The Bell Telephone Company of Pennsylvania

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

30TH ST E

1611 30TH ST E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	1612 1613 NP	Cole Information Services

1615 30TH ST E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	IRENE ELLIS	Cole Information Services

1618 30TH ST E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	LANORA HAINES	Cole Information Services
	RONALD HAINES 1:F	Cole Information Services
	THEOPHILUS HAINES	Cole Information Services

1620 30TH ST E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	YANK ROBINSON	Cole Information Services

1622 30TH ST E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	RILEY N SAUNDERS	Cole Information Services

1623 30TH ST E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	MC GARY JAMES	Cole Information Services

1627 30TH ST E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	D K JOHNSON	Cole Information Services

1628 30TH ST E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	NP	Cole Information Services

FINDINGS

1629 30TH ST E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	M SMITH	Cole Information Services

1630 30TH ST E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	A NEAL	Cole Information Services

1631 30TH ST E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	DAVID MATHIS	Cole Information Services
	NICHOL TUNNELL	Cole Information Services

1632 30TH ST E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	G STROBEL	Cole Information Services

1633 30TH ST E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	MARION THOMPSON	Cole Information Services

1634 30TH ST E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	L B FAUNTLEROY	Cole Information Services

1635 30TH ST E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	1636 1637 1638 NP	Cole Information Services

1642 30TH ST E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	WILLIAM H BENNETT	Cole Information Services

1644 30TH ST E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	BRETT MITCHELL	Cole Information Services

1646 30TH ST E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	1648 1650 1652 NP	Cole Information Services

FINDINGS

31ST N

1700 31ST N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	WEITZMAN S ALAN	R. L. Polk & Co. of Philadelphia

CECIL B MOORE AVE

3020 CECIL B MOORE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	NARWYN MACHINERY CO	The Bell Telephone Company of Pennsylvania

3101 CECIL B MOORE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	STEVEN BLAKEY	Cole Information Services

3103 CECIL B MOORE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	MARTHA BOYKINS	Cole Information Services
	IRENE PATTERSON	Cole Information Services

CORLIES N

1623 CORLIES N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	BRADBUD ISIDOR	R. L. Polk & Co. of Philadelphia

1625 CORLIES N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	VERNEKOFF SAML	R. L. Polk & Co. of Philadelphia

1627 CORLIES N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	PROUD CLARENCE H	R. L. Polk & Co. of Philadelphia

1629 CORLIES N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	HYMAN SARAH MRS	R. L. Polk & Co. of Philadelphia

1631 CORLIES N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	COYLE JOHN	R. L. Polk & Co. of Philadelphia

FINDINGS

1633 CORLIES N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	BRITTON ALVIN	R. L. Polk & Co. of Philadelphia

1635 CORLIES N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	LONG GEO R	R. L. Polk & Co. of Philadelphia

1637 CORLIES N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	CHARLTON FRANK	R. L. Polk & Co. of Philadelphia

1639 CORLIES N

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	WHITE SAML S	R. L. Polk & Co. of Philadelphia

GLENWOOD AVE

3018 GLENWOOD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1946	RELSZNER WALDO A ELEC CONTR	The Bell Telephone Company of Pennsylvania

3022 GLENWOOD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	GRIESBABER JOHN MARINE ENG H	R. L. Polk & Company of Philadelphia

3028 GLENWOOD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	IT FRANK R	City Directory Inc., of Philadelphia

GLENWOOD AVE SW

3018 GLENWOOD AVE SW

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	BERNAN FRANK	R. L. Polk & Co. of Philadelphia

3031 GLENWOOD AVE SW

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1930	SYLVANIA GARAGE	R. L. Polk & Co. of Philadelphia

FINDINGS

N 30TH

1611 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	RNOURSLUW DAVID (NRESSIE) CAR CLNR H	City Directory Inc., of Philadelphia
1920	BOHIKS RTOBT MINIEST H	The Bell Telephone Company of Pennsylvania

1613 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	H	City Directory Inc., of Philadelphia
1925	EISENSTADT WM CLOTH CTR H	R. L. Polk & Company of Philadelphia
1920	H	The Bell Telephone Company of Pennsylvania

1615 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	SINGER DONALD (MARY) DRUGGIST H R	City Directory Inc., of Philadelphia City Directory Inc., of Philadelphia
1925	WOLF BELAN BARTNDR R WOLF HARRY A CLK R	R. L. Polk & Company of Philadelphia R. L. Polk & Company of Philadelphia
1920	H	The Bell Telephone Company of Pennsylvania

1617 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	R	City Directory Inc., of Philadelphia
1925	CLEARFIELD BENJ REAL EST	R. L. Polk & Company of Philadelphia

1618 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	SNEIR ABR AUTOS H	R. L. Polk & Company of Philadelphia
1920	H BANCROFT JACOB PAWNBROKER H	The Bell Telephone Company of Pennsylvania The Bell Telephone Company of Pennsylvania

1619 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	C SARAH GRO	City Directory Inc., of Philadelphia
1925	MERKIN WM GRO MERKIN WM GRO	R. L. Polk & Company of Philadelphia R. L. Polk & Company of Philadelphia

FINDINGS

1620 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	LIPSCHUTZ ABR L (LIPSPSCHUTZ BROS STERLING CLOTHING CO) H	R. L. Polk & Company of Philadelphia
1920	FRANKI CICAS BISKSMITLH IC H	The Bell Telephone Company of Pennsylvania
	H	The Bell Telephone Company of Pennsylvania

1621 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	FEIN MORRIS (PENWOOD CO) H	R. L. Polk & Company of Philadelphia

1622 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	NAMEE MICH (FANNIE) CEBTMKR H	City Directory Inc., of Philadelphia
1925	NAMAROFF MICHL CABTMKR H	R. L. Polk & Company of Philadelphia
	NAMAROFF WM CLK R	R. L. Polk & Company of Philadelphia

1623 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	SASSH H SLIM STEN R	City Directory Inc., of Philadelphia
	H	City Directory Inc., of Philadelphia
	N HENRIETTA SEE R	City Directory Inc., of Philadelphia
1925	HASSH H ELIZ STEN R	R. L. Polk & Company of Philadelphia
	HASSH LEWIS BAKER H	R. L. Polk & Company of Philadelphia

1624 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	R	City Directory Inc., of Philadelphia
1925	RICHTER SAML BUTTER H	R. L. Polk & Company of Philadelphia

1625 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	PIZZARNO PAUL H	R. L. Polk & Company of Philadelphia

1626 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	GREENBERG ABR CLOTHING R	R. L. Polk & Company of Philadelphia
	AUERBACK HENRY B MEAT	R. L. Polk & Company of Philadelphia

FINDINGS

1627 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	STEIN JOS PROD	R. L. Polk & Company of Philadelphia
1920	STEIN LOS PRODUCE	The Bell Telephone Company of Pennsylvania

1628 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	COLLINS HARRY TAILOR H	R. L. Polk & Company of Philadelphia
1920	COLIMNS HARRY TAILOR	The Bell Telephone Company of Pennsylvania

1630 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	R	City Directory Inc., of Philadelphia
1925	MIDDLEMAN HANNAH (WID ISAAC) H	R. L. Polk & Company of Philadelphia
	MIDDLEMAN ROSE HAIRDRSR R	R. L. Polk & Company of Philadelphia
1920	MIDDLEMEN ISAAC H	The Bell Telephone Company of Pennsylvania

1631 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	LEUIS T (HAZEL) PRINTER TEMPLE PRESS INC H	City Directory Inc., of Philadelphia
	R	City Directory Inc., of Philadelphia
	N1 SEE-TREES JOHN GIBBONS INC R	City Directory Inc., of Philadelphia
	R	City Directory Inc., of Philadelphia
	R	City Directory Inc., of Philadelphia
1925	RUBIN LOUIS W SEC-TREAS ARENEL REALTY CO INC AND REAL EST	R. L. Polk & Company of Philadelphia
	RUBIN LOUIS W SEC-TREAS ARENEL REALTY CO INC AND REAL EST	R. L. Polk & Company of Philadelphia
	LEVIN SAML D PRES ARENEL REALTY CO INC H	R. L. Polk & Company of Philadelphia

1632 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	STRUBE JACOB JR USER	City Directory Inc., of Philadelphia
	T RETH TCHR R	City Directory Inc., of Philadelphia
	II JACOB L (SABINA) AUSISIAN H	City Directory Inc., of Philadelphia
1925	STROBEL JACOB L MUSN H	R. L. Polk & Company of Philadelphia

FINDINGS

1633 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	KOCH ELMER C SEC R	R. L. Polk & Company of Philadelphia
	CHAMBERS GEO MACH H	R. L. Polk & Company of Philadelphia
	ABRAMSON BENJ (ADELPHIA COAT CO) H	R. L. Polk & Company of Philadelphia

1634 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	H	City Directory Inc., of Philadelphia
1925	LEVY MARCUS E (BROAD & LEVY) H	R. L. Polk & Company of Philadelphia

1636 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	LEIDY WM D CARRIER PO H	R. L. Polk & Company of Philadelphia
1920	LIINEKLLN WET D CARRIER PO IS H	The Bell Telephone Company of Pennsylvania

1637 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	C ISRAEL (MINNIE) SLAMIN MONARCH CCCL CO H	City Directory Inc., of Philadelphia

1638 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	IT DANL J (JENNIE) CARRIER P O H	City Directory Inc., of Philadelphia
1925	GRAHAM DANL J CARRIER PO H	R. L. Polk & Company of Philadelphia

1639 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	PETCHEON JACOB MEATS H	R. L. Polk & Company of Philadelphia
	PETCHEON JENNIE SLSWMN R	R. L. Polk & Company of Philadelphia
1920	PETCHON JACOB MEET	The Bell Telephone Company of Pennsylvania

1640 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	FT JOS (DORIS) PRNTR H	City Directory Inc., of Philadelphia
	R	City Directory Inc., of Philadelphia
1925	FRANKEL STANLEY (MALVINE SHOP) H	R. L. Polk & Company of Philadelphia
	ROSEN ANNA STEN	R. L. Polk & Company of Philadelphia
	ROSEN NATHAN BKPR R	R. L. Polk & Company of Philadelphia
	ROSEN SIMON H	R. L. Polk & Company of Philadelphia

FINDINGS

1642 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	H	City Directory Inc., of Philadelphia
	R	City Directory Inc., of Philadelphia

1644 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	HYMAN SAML FRUIT H	R. L. Polk & Company of Philadelphia

1646 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	QUALTER MARTIN LAB H	R. L. Polk & Company of Philadelphia
1920	BETAKY ALEX (HURWITS & PATAKY) H	The Bell Telephone Company of Pennsylvania

1648 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	R	City Directory Inc., of Philadelphia
	LEZOTTA GERALDINER	City Directory Inc., of Philadelphia
	FT MYRTLE B (WID OCTAVE)H	City Directory Inc., of Philadelphia
	WARNER LUTHERR	City Directory Inc., of Philadelphia
	R	City Directory Inc., of Philadelphia
1925	LEZOTTE FRANCIS B SLSMN H	R. L. Polk & Company of Philadelphia

1650 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	KIRSHNER MEYER (KIRSHNER & SONS) H	R. L. Polk & Company of Philadelphia
	BLUMENTHAL KARL RESTR	R. L. Polk & Company of Philadelphia
	KIRSHNER MILTON (KIRSHNER & SONS) H	R. L. Polk & Company of Philadelphia
1920	GILBERSONT ELIZABETH WID CHAS H	The Bell Telephone Company of Pennsylvania
	GILBERSONT ACNCNDCE A ACETRESS H	The Bell Telephone Company of Pennsylvania

1652 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	JENKINS ELECTRIC CO	R. L. Polk & Company of Philadelphia

1654 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	FALA JACOB (ROSE) ELKH	City Directory Inc., of Philadelphia

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	H	City Directory Inc., of Philadelphia
	NESACC DAVIDR	City Directory Inc., of Philadelphia

1670 N 30TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	GREENBERG S L (UNION MKT) H	R. L. Polk & Company of Philadelphia

N 30TH ST

1611 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1982	MARINEY GEO	The Bell Telephone Company of Pennsylvania
	MARINEY JESSIE MRS	The Bell Telephone Company of Pennsylvania
1972	MARINER WM	The Bell Telephone Company of Pennsylvania
	MARINEY JESSIE MRS	The Bell Telephone Company of Pennsylvania
1954	GOLDSTEIN JULTUS	The Bell Telephone Company of Pennsylvania
1950	GOLDSTEIN JULIUS	The Bell Telephone Company of Pennsylvania
1936	R	City Directory Inc., of Philadelphia

1613 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	STEWART ADA MRS	The Bell Telephone Company of Pennsylvania
1954	STEWART ADA MRS	The Bell Telephone Company of Pennsylvania
1946	GRAHAMN DANI J JR	The Bell Telephone Company of Pennsylvania
1920	KELLIY ALICE WID JNO H	The Bell Telephone Company of Pennsylvania

1615 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	ELLS HEE	The Bell Telephone Company of Pennsylvania
1982	ELLIS IRENE	The Bell Telephone Company of Pennsylvania
1977	ELLSIRENELB	The Bell Telephone Company of Pennsylvania

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1954	POMERANTZ ROBT	The Bell Telephone Company of Pennsylvania
1950	POMERANTZ ROBT	The Bell Telephone Company of Pennsylvania
1936	U DAVID (SARAH) MARCH H	City Directory Inc., of Philadelphia
1920	WOLF -HARRY H	The Bell Telephone Company of Pennsylvania

1617 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	GRAY ROY JR	The Bell Telephone Company of Pennsylvania
1982	GRAY ROY H	The Bell Telephone Company of Pennsylvania
	GRAY ROY H JR	The Bell Telephone Company of Pennsylvania
1977	FEAYROY	The Bell Telephone Company of Pennsylvania
1972	GRAY ROBERTA M MRS	The Bell Telephone Company of Pennsylvania
1967	GRAY ROY H	The Bell Telephone Company of Pennsylvania
1954	GRAY ROY H	The Bell Telephone Company of Pennsylvania
1950	ROSEMAN ROSE MRS	The Bell Telephone Company of Pennsylvania
1936	LUTHER THOS	City Directory Inc., of Philadelphia
	LUTHER ANNA	City Directory Inc., of Philadelphia

1618 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	MAINES THEOPHILUS	The Bell Telephone Company of Pennsylvania
	HAINES LEWA	The Bell Telephone Company of Pennsylvania
1982	HAINES THEOPHILUS	The Bell Telephone Company of Pennsylvania
	HAINES LENORA	The Bell Telephone Company of Pennsylvania
1977	HAINES LENORA	The Bell Telephone Company of Pennsylvania
	HAINESTHEOPHILUS	The Bell Telephone Company of Pennsylvania
1972	HAINES LENORA	The Bell Telephone Company of Pennsylvania
1967	HAINES LENORA	The Bell Telephone Company of Pennsylvania

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	HAINES THEOPHILUS	The Bell Telephone Company of Pennsylvania
1954	HAINES THEOPHILUS	The Bell Telephone Company of Pennsylvania
1946	SNEIR ABRAHAM	The Bell Telephone Company of Pennsylvania
1936	SNEIR ABR (PAULINE) RADIATORS REPRS	City Directory Inc., of Philadelphia
1920	SAMUEL NATHAN	The Bell Telephone Company of Pennsylvania
	SAMUEL -HARRY- I OPTOMETRIST	The Bell Telephone Company of Pennsylvania

1619 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1982	BAINES EVA	The Bell Telephone Company of Pennsylvania
	BREWER WILLIE	The Bell Telephone Company of Pennsylvania
1977	BAINES EVA	The Bell Telephone Company of Pennsylvania
	BREWERWILLIE	The Bell Telephone Company of Pennsylvania
1972	BAINES EVA	The Bell Telephone Company of Pennsylvania
	BREWER WILLIE	The Bell Telephone Company of Pennsylvania
	BREWER WILLIE	The Bell Telephone Company of Pennsylvania
1967	BAINES EVA	The Bell Telephone Company of Pennsylvania
	BREWER WILLIE	The Bell Telephone Company of Pennsylvania
1954	GOLDBERG OSCAR	The Bell Telephone Company of Pennsylvania
1950	TOTMAN MORRIS	The Bell Telephone Company of Pennsylvania
1946	UOLZER EDWIN G	The Bell Telephone Company of Pennsylvania
	ELLIS L(KAI GROC	The Bell Telephone Company of Pennsylvania
	WELDON AGNES MRS	The Bell Telephone Company of Pennsylvania
1936	H MOE (BOSE)H	City Directory Inc., of Philadelphia
	RUHANSTEIN HARRY (SARAH)	City Directory Inc., of Philadelphia
	RUHANSTEIN SEANL ELKR	City Directory Inc., of Philadelphia

FINDINGS

1620 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	ROBINSON YANK	The Bell Telephone Company of Pennsylvania
1982	SMITH JUDITH C	The Bell Telephone Company of Pennsylvania
	ROBINSON YANK	The Bell Telephone Company of Pennsylvania
	ROBINSON TIMOTHY	The Bell Telephone Company of Pennsylvania
	ROBINSON JOS	The Bell Telephone Company of Pennsylvania
	ROBINSON HATTIE	The Bell Telephone Company of Pennsylvania
1972	ROBINSON YANK	The Bell Telephone Company of Pennsylvania
	ROBINSON JOS	The Bell Telephone Company of Pennsylvania
	ROBINSON HATTIE	The Bell Telephone Company of Pennsylvania
	ROBINSON TIMOTHY	The Bell Telephone Company of Pennsylvania
1967	ROBINSON HATTIE	The Bell Telephone Company of Pennsylvania
	ROBINSON JOS	The Bell Telephone Company of Pennsylvania
	ROBINSON TIMOTHY	The Bell Telephone Company of Pennsylvania
	ROBINSON YANK	The Bell Telephone Company of Pennsylvania
1954	ROBINSON JOS JR	The Bell Telephone Company of Pennsylvania
1936	LIPSCHUTZ JENNIER	City Directory Inc., of Philadelphia
	LIP ABS L (JENNIE LIPSOCHUTS BROS) H	City Directory Inc., of Philadelphia
	BALALASKY MAX (MARIE)H	City Directory Inc., of Philadelphia

1621 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	PUGH ROSETTA	The Bell Telephone Company of Pennsylvania
1982	GROSSO WM J	The Bell Telephone Company of Pennsylvania
1977	GROSSOWMJ	The Bell Telephone Company of Pennsylvania
1972	GROSSO WM J	The Bell Telephone Company of Pennsylvania

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	GROSSO JOHN	The Bell Telephone Company of Pennsylvania
1954	GROSSO JOHN	The Bell Telephone Company of Pennsylvania
1950	GROSSO JOHN	The Bell Telephone Company of Pennsylvania
1946	GROSSO JOHN	The Bell Telephone Company of Pennsylvania
1936	PETER (SARAH) DRIVERR	City Directory Inc., of Philadelphia

1622 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	COON BS B	The Bell Telephone Company of Pennsylvania
1982	COOMBS N B	The Bell Telephone Company of Pennsylvania
1954	COOMBS NATHANIEL	The Bell Telephone Company of Pennsylvania
1950	NAMEROFF GOLDIE	The Bell Telephone Company of Pennsylvania
	NAMEROFF MICHAEL	The Bell Telephone Company of Pennsylvania
1946	NA REFF MIICHAET	The Bell Telephone Company of Pennsylvania
1936	K M (GOLDIE) ELKT R	City Directory Inc., of Philadelphia
1920	FRUIT SARAH RB WID JULIUS H	The Bell Telephone Company of Pennsylvania

1623 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	JAMES MC GARY	The Bell Telephone Company of Pennsylvania
1982	JAMES MCGARY	The Bell Telephone Company of Pennsylvania
1977	JAMES MCGARY	The Bell Telephone Company of Pennsylvania
1972	JAMES MAYME E MRS	The Bell Telephone Company of Pennsylvania
1967	JAMES MCGARY	The Bell Telephone Company of Pennsylvania
1954	JAMES MC GARY	The Bell Telephone Company of Pennsylvania
1950	LOSS BERTHA	The Bell Telephone Company of Pennsylvania
1946	LOSS BESAIE	The Bell Telephone Company of Pennsylvania
1936	HESAS A LOUISR	City Directory Inc., of Philadelphia

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	HIEASS QBGRTRUDEA ELK R	City Directory Inc., of Philadelphia
1920	LEARNER JACOB (LEARNER EROS) H	The Bell Telephone Company of Pennsylvania

1624 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1982	CRUMP DAVID C	The Bell Telephone Company of Pennsylvania
1977	CRUMPDANIDC	The Bell Telephone Company of Pennsylvania
1972	CRUMP DAVID C	The Bell Telephone Company of Pennsylvania
1967	CRUMP DAVID C	The Bell Telephone Company of Pennsylvania
1954	CRUMP DAVID C	The Bell Telephone Company of Pennsylvania
1950	SOKOLOFF CLAIRE	The Bell Telephone Company of Pennsylvania
	SOKOLOFF MORRIS	The Bell Telephone Company of Pennsylvania
1946	SOKOLOFF CLAIRE	The Bell Telephone Company of Pennsylvania
	SOKOLOFF MORRIS	The Bell Telephone Company of Pennsylvania

1625 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1954	SMALLWOOD CAROL	The Bell Telephone Company of Pennsylvania
1936	PERK N TAILORR	City Directory Inc., of Philadelphia

1626 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	SHADD EMERY	The Bell Telephone Company of Pennsylvania
	BEARD ANTHONY	The Bell Telephone Company of Pennsylvania
	MOYE GERALDINE	The Bell Telephone Company of Pennsylvania
	MOYE JAS E	The Bell Telephone Company of Pennsylvania
	SHADD CHRISTABELL	The Bell Telephone Company of Pennsylvania
1954	PORTER JAS E	The Bell Telephone Company of Pennsylvania
1950	GRAHAM DANL J JR	The Bell Telephone Company of Pennsylvania

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1946	WCUEL1VICTOR A	The Bell Telephone Company of Pennsylvania
1936	GREENBERG ABR (FANNIE) CLOTHINGH	City Directory Inc., of Philadelphia
1920	BROFINAS SAMIN BUTCHER H	The Bell Telephone Company of Pennsylvania
	GREENBERG SEMI DELICATESSEN H	The Bell Telephone Company of Pennsylvania

1627 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	JOHNSON D K	The Bell Telephone Company of Pennsylvania
1982	BRYANT JOS	The Bell Telephone Company of Pennsylvania
	BRYANT GERTRUDE MRS	The Bell Telephone Company of Pennsylvania
1977	BRYANT GERTRUDE MRS	The Bell Telephone Company of Pennsylvania
1972	BRYANT GERTRUDE MRS	The Bell Telephone Company of Pennsylvania
1967	RILEY GERTRUDE MRS	The Bell Telephone Company of Pennsylvania
1954	COOPER WILLIE	The Bell Telephone Company of Pennsylvania
1950	STARK ISADORE	The Bell Telephone Company of Pennsylvania
1946	STARK ISADORE	The Bell Telephone Company of Pennsylvania
1936	ST ISADERE (SARAH) DLRH	City Directory Inc., of Philadelphia

1628 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1954	STUBBS CATHERINE	The Bell Telephone Company of Pennsylvania
1950	SHELOW LOUIS REV	The Bell Telephone Company of Pennsylvania
1946	SHELOW LO UIS REV	The Bell Telephone Company of Pennsylvania
1936	SHELOW IT IDAHPR R	City Directory Inc., of Philadelphia
	SHELOW A INSR	City Directory Inc., of Philadelphia
	SHELOW LOUIS CLERGYAN	City Directory Inc., of Philadelphia

FINDINGS

1629 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1977	EDWARDSHATTMEC	The Bell Telephone Company of Pennsylvania
1972	EDWARDS HATTIE	The Bell Telephone Company of Pennsylvania
	WHITE WIN	The Bell Telephone Company of Pennsylvania
1967	EDWARDS HATTIE C	The Bell Telephone Company of Pennsylvania
	WHITE WM	The Bell Telephone Company of Pennsylvania
1954	EDWARDS HATTIE C	The Bell Telephone Company of Pennsylvania
1950	GERLSHENSON JOS	The Bell Telephone Company of Pennsylvania
1946	GERSELENSON JOS	The Bell Telephone Company of Pennsylvania
1936	GERSHENSON JOE (NELLIE) GARAGE	City Directory Inc., of Philadelphia
1920	KARMAZAN SIMON H (LAFFE & KENNEL) & SEC ADELPHIA COAT CO H	The Bell Telephone Company of Pennsylvania
	KARMAZAN HEISNAN H	The Bell Telephone Company of Pennsylvania

1630 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	NEAL A	The Bell Telephone Company of Pennsylvania
1954	WIGGS MARCUS	The Bell Telephone Company of Pennsylvania
1950	JORDAN JOHIN B JR	The Bell Telephone Company of Pennsylvania
1946	JORDASS JOHN B JR	The Bell Telephone Company of Pennsylvania
1936	MILLER I JOHN E POLICEANR	City Directory Inc., of Philadelphia

1631 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	MATHIS AMY L	The Bell Telephone Company of Pennsylvania
1954	TAYLOR JANIE	The Bell Telephone Company of Pennsylvania
1950	MILLER JOHN E	The Bell Telephone Company of Pennsylvania
1946	MILL ER JOH N B E	The Bell Telephone Company of Pennsylvania
1936	ROBIN WIN ATTYR	City Directory Inc., of Philadelphia

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	GIBBONS M SEC-TREES JOHN GIBBONS INCR	City Directory Inc., of Philadelphia
	GIBBONS F V-PRES JOHN GIBBONS INCR	City Directory Inc., of Philadelphia
	R	City Directory Inc., of Philadelphia
	C K PROS JOHN GIBBONS INCR	City Directory Inc., of Philadelphia
1920	AARONS NOAH (AARONS BROS) H	The Bell Telephone Company of Pennsylvania

1632 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	STROBEL G	The Bell Telephone Company of Pennsylvania
1982	STROBEL G	The Bell Telephone Company of Pennsylvania
1972	STROBEL GRACE	The Bell Telephone Company of Pennsylvania
1967	STROBEL GRACE	The Bell Telephone Company of Pennsylvania
1954	STROBEL GRZCE	The Bell Telephone Company of Pennsylvania
1950	STROBEL J L	The Bell Telephone Company of Pennsylvania
1936	HAVEN IF GRACER	City Directory Inc., of Philadelphia
1920	STROBEL ACOB L MUSICIAN H	The Bell Telephone Company of Pennsylvania

1633 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	HALL CE ESFIN	The Bell Telephone Company of Pennsylvania
1982	HALL CELESTINE	The Bell Telephone Company of Pennsylvania
1972	LEITZ HARRY G	The Bell Telephone Company of Pennsylvania
1967	LEITZ HARRY G	The Bell Telephone Company of Pennsylvania
1954	LEITZ HARRY G	The Bell Telephone Company of Pennsylvania
	LENTZ HARRY G	The Bell Telephone Company of Pennsylvania
1950	LEITZ HARRY G	The Bell Telephone Company of Pennsylvania
1946	LEITZ HARRY G	The Bell Telephone Company of Pennsylvania
	LENTZ HARRY G	The Bell Telephone Company of Pennsylvania

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	LENTZ HARRY O (MANIA) FIRE DEPTH	City Directory Inc., of Philadelphia
	LEITS FT HARRY R	City Directory Inc., of Philadelphia
	HEDLEY EDWINR	City Directory Inc., of Philadelphia
1920	KOCH ELMER ELK IVH	The Bell Telephone Company of Pennsylvania

1634 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	FAUNTLEROY LORENZO B	The Bell Telephone Company of Pennsylvania
1982	FAUNTLEROY LORENZO B	The Bell Telephone Company of Pennsylvania
1977	FAUEUTLEROYLORENZO B	The Bell Telephone Company of Pennsylvania
1972	FAUNTLEROY LORENZO B	The Bell Telephone Company of Pennsylvania
1967	FAUNTLEROY LORENZO B	The Bell Telephone Company of Pennsylvania
1950	QUINN DANL J SR	The Bell Telephone Company of Pennsylvania
1946	LEVY MARCUS E	The Bell Telephone Company of Pennsylvania
	RUBIN HERBERT	The Bell Telephone Company of Pennsylvania
1920	LESVY MARCUS B (MILGRM MFG CO & ROCK WELL MILLS) H	The Bell Telephone Company of Pennsylvania

1635 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1972	PUGH FRANK	The Bell Telephone Company of Pennsylvania
1954	ZEILMANN JOHN	The Bell Telephone Company of Pennsylvania
1950	DORING GEO MRS	The Bell Telephone Company of Pennsylvania
1946	3(N) 1-ILG GEO MRS	The Bell Telephone Company of Pennsylvania
1936	ABRASOM FRANCISR	City Directory Inc., of Philadelphia
	ABRANSON BENJ (SARAH) SL SMNH	City Directory Inc., of Philadelphia

1636 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1982	JORDAN DAVID	The Bell Telephone Company of Pennsylvania
1972	JORDAN DAVID JR	The Bell Telephone Company of Pennsylvania

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	MATTLESSEWI FRANCES E	The Bell Telephone Company of Pennsylvania
1946	MATTHIESSEN FRANCES E	The Bell Telephone Company of Pennsylvania
1936	LELDY T TI (MABEL) CARRIER P 0H	City Directory Inc., of Philadelphia

1637 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	WALKER LAWRENCE H	The Bell Telephone Company of Pennsylvania
1982	WALKER LAWRENCE H	The Bell Telephone Company of Pennsylvania
1972	WALKER LAWRENCE H	The Bell Telephone Company of Pennsylvania
1967	WALKER LAWRENCE H	The Bell Telephone Company of Pennsylvania
1954	WALKER LAWRENCE	The Bell Telephone Company of Pennsylvania
1950	WILSON ISRAEL	The Bell Telephone Company of Pennsylvania
1946	WILSON ISRAEL	The Bell Telephone Company of Pennsylvania
1936	WILSON RUTHR	City Directory Inc., of Philadelphia
1920	WILSON ISRAEL SALESMAN H	The Bell Telephone Company of Pennsylvania

1638 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1954	KENNEDY WM	The Bell Telephone Company of Pennsylvania
	REDMOND WILLIS	The Bell Telephone Company of Pennsylvania
1950	GRAHAM DANT J	The Bell Telephone Company of Pennsylvania
1946	GRAHAM DANJR	The Bell Telephone Company of Pennsylvania
1936	GRAHAM DANL JR BANKINGR	City Directory Inc., of Philadelphia
	GRAHAM HELEN TCHRR	City Directory Inc., of Philadelphia
1920	GRAHAM IDEAL J1 CARRIER P0 LX	The Bell Telephone Company of Pennsylvania

1639 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	CARTER JAS	The Bell Telephone Company of Pennsylvania

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1954	SNYDERMAN SAMI J	The Bell Telephone Company of Pennsylvania
1950	SNYDERMAN SALLM J	The Bell Telephone Company of Pennsylvania
1946	MILLER HARRY J	The Bell Telephone Company of Pennsylvania
1936	R	City Directory Inc., of Philadelphia
	PINCUS JOSR	City Directory Inc., of Philadelphia
	CAPECEI N RIOHDR	City Directory Inc., of Philadelphia
1920	MOKATHRAN CICCI FOREIANC H	The Bell Telephone Company of Pennsylvania

1640 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1954	EGAN JAS MRS	The Bell Telephone Company of Pennsylvania
1950	KUSHNER GEO	The Bell Telephone Company of Pennsylvania
1946	KUSHNER GEO	The Bell Telephone Company of Pennsylvania
1920	ROSEN SIMNON	The Bell Telephone Company of Pennsylvania

1642 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	RIFTER M	The Bell Telephone Company of Pennsylvania
	BENNETT WM H	The Bell Telephone Company of Pennsylvania
1982	BENNETT WM H	The Bell Telephone Company of Pennsylvania
1977	BENNETT WMH	The Bell Telephone Company of Pennsylvania
1972	BENNETT WM H	The Bell Telephone Company of Pennsylvania
1967	BENNETT WM H	The Bell Telephone Company of Pennsylvania
1950	YOUNG SANI H	The Bell Telephone Company of Pennsylvania
	FERBER I	The Bell Telephone Company of Pennsylvania
1946	FERBER	The Bell Telephone Company of Pennsylvania
1936	VERNEHOFF AR	City Directory Inc., of Philadelphia
1920	FERBER ISADORE FRUIT H	The Bell Telephone Company of Pennsylvania

FINDINGS

1644 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1982	MCDONALD ALBERTUS	The Bell Telephone Company of Pennsylvania
1972	ROANE WMN H	The Bell Telephone Company of Pennsylvania
	MC DONALD ALBERTUS	The Bell Telephone Company of Pennsylvania
1967	MCDONALD ALBERTUS	The Bell Telephone Company of Pennsylvania
	ROANE WM H	The Bell Telephone Company of Pennsylvania
1954	MC DONALD ALBERTUS	The Bell Telephone Company of Pennsylvania
1950	HYMAN NORMAN A	The Bell Telephone Company of Pennsylvania
1946	HYMEN JOS B	The Bell Telephone Company of Pennsylvania
1936	HYMAN SEAL (SOPHIE) FRUITH	City Directory Inc., of Philadelphia
1920	HYMAIT SAINI FRUIT H	The Bell Telephone Company of Pennsylvania

1646 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	BROWN ROBT F	The Bell Telephone Company of Pennsylvania
1954	BROWN ROBT F	The Bell Telephone Company of Pennsylvania
1950	WALLER MAURICE	The Bell Telephone Company of Pennsylvania
	WALLER LOUIS	The Bell Telephone Company of Pennsylvania
1946	WALLER LORSIS	The Bell Telephone Company of Pennsylvania
1936	QUALTER JOHN (DELIA) BLKSM LTHH	City Directory Inc., of Philadelphia
1920	PASZKOWSKI WIN I MACLIST H	The Bell Telephone Company of Pennsylvania

1648 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	GREEN GEO D	The Bell Telephone Company of Pennsylvania
1954	CARR WM A	The Bell Telephone Company of Pennsylvania
	WILSON JOHN J	The Bell Telephone Company of Pennsylvania

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	WILSONI JOHN J	The Bell Telephone Company of Pennsylvania
	CARR WM A	The Bell Telephone Company of Pennsylvania
1946	LEZOTTE M M	The Bell Telephone Company of Pennsylvania
	LEZOTTE LEO L	The Bell Telephone Company of Pennsylvania
1936	LEZOTTA FRANCES B CHIROPRACTOR	City Directory Inc., of Philadelphia
1920	LEZOTTI MYRTLE WID OCTAVE H	The Bell Telephone Company of Pennsylvania
	LEZOTTI LEO L V-PROS & SEC HSSDFORD PHLIA GNLES GO H	The Bell Telephone Company of Pennsylvania
	FEE WIN SALMESMA H	The Bell Telephone Company of Pennsylvania

1650 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1982	WRIGHT MARY	The Bell Telephone Company of Pennsylvania
1972	LEWIS SHIRLEY	The Bell Telephone Company of Pennsylvania
	LEWIS ROBT	The Bell Telephone Company of Pennsylvania
	LEWIS RICHD	The Bell Telephone Company of Pennsylvania
	LEWIS BETTY	The Bell Telephone Company of Pennsylvania
1954	HALL WILLIE J	The Bell Telephone Company of Pennsylvania
	HARRIS HAROLD E	The Bell Telephone Company of Pennsylvania
1950	AZOFF IRVING	The Bell Telephone Company of Pennsylvania
1946	AZOFF IRVING	The Bell Telephone Company of Pennsylvania
	WINNEKER JOS	The Bell Telephone Company of Pennsylvania

1651 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	ROBIN WIN LANGTON ATTY	City Directory Inc., of Philadelphia

1652 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1972	CHILDS THOS E	The Bell Telephone Company of Pennsylvania

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	WILLIAMS ROYE	The Bell Telephone Company of Pennsylvania
1954	MC NEILL MARGARET	The Bell Telephone Company of Pennsylvania
1950	PASTON JACK D	The Bell Telephone Company of Pennsylvania
	GOLDNIER SIDINEY D	The Bell Telephone Company of Pennsylvania
	DAVIS CHAS S	The Bell Telephone Company of Pennsylvania
1946	SCHLDCTER HERMAN	The Bell Telephone Company of Pennsylvania

1654 N 30TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	KENNY S NEW & USED TIRES	The Bell Telephone Company of Pennsylvania
1982	KENNY S NEW & USED TIRES	The Bell Telephone Company of Pennsylvania
1967	SMITH GEORGIA	The Bell Telephone Company of Pennsylvania
	PAT S USED TIRES	The Bell Telephone Company of Pennsylvania
1954	PEREZ H S	The Bell Telephone Company of Pennsylvania
	FIELDS JOHN	The Bell Telephone Company of Pennsylvania
1950	GERT S SERV STA	The Bell Telephone Company of Pennsylvania
	BROWNSTEIN ISRAEL	The Bell Telephone Company of Pennsylvania
1946	BROWNSTEIN ISRAEL	The Bell Telephone Company of Pennsylvania
1936	VERNEHOFF BELLE	City Directory Inc., of Philadelphia
	ENGLER SAML (ANNA)H	City Directory Inc., of Philadelphia

N 31ST

1700 N 31ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	GEISSIER OSCAR MLNR	R. L. Polk & Company of Philadelphia
1920	BELLE ABRAHAM TAILOR	The Bell Telephone Company of Pennsylvania

FINDINGS

1702 N 31ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	BERMAN SIMON TAILOR	R. L. Polk & Company of Philadelphia
	BERMAN SIMON TAILOR	R. L. Polk & Company of Philadelphia

N 31ST ST

1700 N 31ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	1799 CT 149 \$ED	Cole Information Services
1950	AL S UPHOLSTERING	The Bell Telephone Company of Pennsylvania
	KARP AL	The Bell Telephone Company of Pennsylvania
1946	AL S UPHOLSTERING	The Bell Telephone Company of Pennsylvania
	KARP AL	The Bell Telephone Company of Pennsylvania

1702 N 31ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	GOLDBERG WAS LLRISATER	The Bell Telephone Company of Pennsylvania

N CORLIES

1625 N CORLIES

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	VERNEKOFF SAML SLSMN H	R. L. Polk & Company of Philadelphia
1920	FISCHER) MRAXIMILIAN H ENGINEER H	The Bell Telephone Company of Pennsylvania

1627 N CORLIES

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	MCKAY RICHD R	R. L. Polk & Company of Philadelphia

1629 N CORLIES

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	HYMAN NATHAN FRUIT	R. L. Polk & Company of Philadelphia
	HYMAN SAML CLK R	R. L. Polk & Company of Philadelphia

FINDINGS

1631 N CORLIES

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	ROTHSTEIN GEE (YOUTHFUL MIAKE CLOAK CE)R	City Directory Inc., of Philadelphia
1925	ROTHSTEIN GEO H	R. L. Polk & Company of Philadelphia
	ROTHSTEIN GEO JR CLK R	R. L. Polk & Company of Philadelphia

1633 N CORLIES

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	H	City Directory Inc., of Philadelphia
	TEBO WILBUR I MECH ENG R	City Directory Inc., of Philadelphia
1925	BRITTON ALVIN COND H	R. L. Polk & Company of Philadelphia
1920	BRITTEN ALVIN CONDTR H	The Bell Telephone Company of Pennsylvania

1635 N CORLIES

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	LONG GEO R CHAUF H	R. L. Polk & Company of Philadelphia
1920	LPINPANSON EMIL SALESMAN H	The Bell Telephone Company of Pennsylvania

1637 N CORLIES

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	ARNOLID WIN (MACBST H	The Bell Telephone Company of Pennsylvania

1639 N CORLIES

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	WHITE SAML S AUTO MECH H	R. L. Polk & Company of Philadelphia

N CORLIES ST

1623 N CORLIES ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	S SIMPKINS	Cole Information Services
1993	SIMPKINS INEZ	The Bell Telephone Company of Pennsylvania
1982	SIMPKINS INEZ	The Bell Telephone Company of Pennsylvania
1972	SIMPKINS INEZ	The Bell Telephone Company of Pennsylvania
1967	SIMPKINS ROBT L	The Bell Telephone Company of Pennsylvania
1950	PETTIT FRANCIS B	The Bell Telephone Company of Pennsylvania

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	BRADBURG ISADORE SALESMAN H	The Bell Telephone Company of Pennsylvania

1625 N CORLIES ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	1631 1633 1635 NP	Cole Information Services
1982	JONES EDW	The Bell Telephone Company of Pennsylvania
1977	JONESEDW1	The Bell Telephone Company of Pennsylvania
1972	JONES EDW	The Bell Telephone Company of Pennsylvania
1967	SANDERS CARRIE MRS	The Bell Telephone Company of Pennsylvania
	SANDERS HARRY	The Bell Telephone Company of Pennsylvania
	JONES EDW	The Bell Telephone Company of Pennsylvania
1954	JONES ELW	The Bell Telephone Company of Pennsylvania
1950	PROUD J E H	The Bell Telephone Company of Pennsylvania
1946	PROUD J E H	The Bell Telephone Company of Pennsylvania

1627 N CORLIES ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	PROUD CLARENCE H SR	The Bell Telephone Company of Pennsylvania
1920	CHESTER DONALD C PRINTER H	The Bell Telephone Company of Pennsylvania

1629 N CORLIES ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1954	ELLMAN:REUBEN	The Bell Telephone Company of Pennsylvania
1950	ELLMAN REUBEN	The Bell Telephone Company of Pennsylvania
1946	ELLMAN REUBEIL	The Bell Telephone Company of Pennsylvania
1936	HYMAN SARAH (WID NATHAN)H	City Directory Inc., of Philadelphia
	HYMAN SAULR	City Directory Inc., of Philadelphia
1920	STRAUSS) MAX TAILOR H	The Bell Telephone Company of Pennsylvania

FINDINGS

1631 N CORLIES ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	MATHIS LOUISE MRS	The Bell Telephone Company of Pennsylvania
	MATHIS EDW	The Bell Telephone Company of Pennsylvania
1954	ROTHSTEIN GEO	The Bell Telephone Company of Pennsylvania
1950	ROTHSTEIN GEO	The Bell Telephone Company of Pennsylvania
1946	ROTHSTEIN GEE	The Bell Telephone Company of Pennsylvania

1633 N CORLIES ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1982	ROSS M	The Bell Telephone Company of Pennsylvania
1967	DUNLAP MARY MRS	The Bell Telephone Company of Pennsylvania
	DUNLAP EDW H	The Bell Telephone Company of Pennsylvania
1950	KENTON GEO W JR	The Bell Telephone Company of Pennsylvania
1946	PROUD CLARENCE JR	The Bell Telephone Company of Pennsylvania

1635 N CORLIES ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1972	SIMS DAISY	The Bell Telephone Company of Pennsylvania
1967	SIMS DAISY	The Bell Telephone Company of Pennsylvania

1637 N CORLIES ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	ALLEN DELORES	The Bell Telephone Company of Pennsylvania
1950	MC CULLY BERTRAM G	The Bell Telephone Company of Pennsylvania

1639 N CORLIES ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	D R RUSSELL	Cole Information Services
1954	WHITE SAM I	The Bell Telephone Company of Pennsylvania
1950	WHITE SONLL	The Bell Telephone Company of Pennsylvania

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1946	WHITE SAM	The Bell Telephone Company of Pennsylvania
1936	WHITE SAML S (ADDIE) AUTO MACHH	City Directory Inc., of Philadelphia

S CORLIES ST

1625 S CORLIES ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	PROUD JAS B S (MARGT)H	City Directory Inc., of Philadelphia

1633 S CORLIES ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	TEBO LAWRENCER	City Directory Inc., of Philadelphia

1635 S CORLIES ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	MAY LENA OPRR	City Directory Inc., of Philadelphia

1637 S CORLIES ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	CHARITON MAX DIRR	City Directory Inc., of Philadelphia
	CHARITON FRANK HUCKSTERR	City Directory Inc., of Philadelphia
	CHARITON BLUNA HOUAEKPRR	City Directory Inc., of Philadelphia

1639 S CORLIES ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	YEAGLEY HARRY (R KATH)H	City Directory Inc., of Philadelphia

TURNER

2935 TURNER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	RABY CHAS H (RAY) INSPR H	City Directory Inc., of Philadelphia
1925	RABY CHAS H INSPR H	R. L. Polk & Company of Philadelphia

2939 TURNER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	STRECKENBEIN HARRY G INSTMKR H	R. L. Polk & Company of Philadelphia

2941 TURNER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	H	City Directory Inc., of Philadelphia

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	GALARES FRANK TAILOR H	R. L. Polk & Company of Philadelphia

2943 TURNER

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1925	KLING CHAS J POLICE H	R. L. Polk & Company of Philadelphia

TURNER ST

2935 TURNER ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	SHARON KELSEY N	Cole Information Services
1920	RABUCK CHISI H INSPR H	The Bell Telephone Company of Pennsylvania

2937 TURNER ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	A CAMPBELL	Cole Information Services
1977	BRUCECALPERTA	The Bell Telephone Company of Pennsylvania
1967	BRUCE CALPERTA	The Bell Telephone Company of Pennsylvania
1936	RABY ADA T TCHR FKDI NIGH SCHR	City Directory Inc., of Philadelphia

2939 TURNER ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	V WARREN	Cole Information Services
1936	WESTLE LOUIS (ROSE) POLICEANH	City Directory Inc., of Philadelphia
	WOLFXMAN LOUIS (ANNA) H	City Directory Inc., of Philadelphia
1920	STREOKENBEIN HARRY G INSTMKR H	The Bell Telephone Company of Pennsylvania

2941 TURNER ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	VINCENT L CLIFTON	Cole Information Services
1920	SPECICT HARRY M WAITER IC H	The Bell Telephone Company of Pennsylvania

2943 TURNER ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	KAING CHAS J (EDNA) POLICESOH	City Directory Inc., of Philadelphia
1920	TURON JACOBH	The Bell Telephone Company of Pennsylvania

FINDINGS

W GLENWOOD AVE

3009 W GLENWOOD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	NEMIROVSKY LARRY	The Bell Telephone Company of Pennsylvania
1982	NEMIROVSKY LARRY	The Bell Telephone Company of Pennsylvania
1972	GROUP BUILDERS INC	The Bell Telephone Company of Pennsylvania

3011 W GLENWOOD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	OLYMPIC FRAME INC	The Bell Telephone Company of Pennsylvania
1982	MILLER S & SON INC	The Bell Telephone Company of Pennsylvania
1972	SOLID STATE RESEARCH INC	The Bell Telephone Company of Pennsylvania
	MODEL CITIES PROGRAM OF PHILA (COT VD) NEIGHBORHOOD COUNCIL	The Bell Telephone Company of Pennsylvania
	FRANK DAVIS LITHOGRAPHIC SERVICE INC	The Bell Telephone Company of Pennsylvania
	AUTOGRAPHICS INC	The Bell Telephone Company of Pennsylvania
	MILTON & COCHRANE ASSOC INC COMPUTR CONSULTS	The Bell Telephone Company of Pennsylvania

3018 W GLENWOOD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	CARTER MARY	The Bell Telephone Company of Pennsylvania
1954	RICKER RAYMOND R	The Bell Telephone Company of Pennsylvania
	CASCADEN WM C	The Bell Telephone Company of Pennsylvania

3029 W GLENWOOD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1982	JERRY S AUTO CLINIC	The Bell Telephone Company of Pennsylvania

3031 W GLENWOOD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1936	SYLVANIA GARAGE (MARTIN LAVINSON)	City Directory Inc., of Philadelphia

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

3033 W Glenwood Avenue

Address Not Identified in Research Source

2006, 2001, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched

1611 30TH ST E

1611 N 30TH

1611 N 30TH ST

1613 N 30TH

1613 N 30TH ST

1615 30TH ST E

1615 N 30TH

1615 N 30TH ST

1617 N 30TH

1617 N 30TH ST

1618 30TH ST E

1618 N 30TH

1618 N 30TH ST

1619 N 30TH

1619 N 30TH ST

1620 30TH ST E

1620 N 30TH

1620 N 30TH ST

1621 N 30TH

1621 N 30TH ST

Address Not Identified in Research Source

2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920

2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1925

2006, 2001, 1993, 1977, 1967, 1962, 1946, 1930, 1925, 1920

2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930

2006, 2001, 1993, 1982, 1977, 1972, 1962, 1950, 1936, 1930, 1925

2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920

2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930

2006, 2001, 1972, 1967, 1962, 1946, 1930, 1925

2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1920

2006, 2001, 1962, 1946, 1930, 1925, 1920

2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920

2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930

2006, 2001, 1962, 1950, 1930, 1925

2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1920

2006, 2001, 1993, 1962, 1930, 1925, 1920

2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920

2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930

2006, 2001, 1977, 1962, 1950, 1946, 1930, 1925, 1920

2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1920

2006, 2001, 1962, 1930, 1925, 1920

FINDINGS

Address Researched

Address Not Identified in Research Source

1622 30TH ST E	2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920
1622 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1920
1622 N 30TH ST	2006, 2001, 1977, 1972, 1967, 1962, 1930, 1925
1623 30TH ST E	2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920
1623 CORLIES N	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1925, 1920
1623 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1920
1623 N 30TH ST	2006, 2001, 1962, 1930, 1925
1623 N CORLIES ST	2006, 1977, 1962, 1954, 1946, 1936, 1930, 1925
1624 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1920
1624 N 30TH ST	2006, 2001, 1993, 1962, 1936, 1930, 1925, 1920
1625 CORLIES N	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1925, 1920
1625 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1920
1625 N 30TH ST	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1950, 1946, 1930, 1925, 1920
1625 N CORLIES	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930
1625 N CORLIES ST	2006, 1993, 1962, 1936, 1930, 1925, 1920
1625 S CORLIES ST	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1925, 1920
1626 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1920
1626 N 30TH ST	2006, 2001, 1993, 1982, 1977, 1972, 1962, 1930, 1925
1627 30TH ST E	2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920
1627 CORLIES N	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1925, 1920
1627 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930
1627 N 30TH ST	2006, 2001, 1962, 1930, 1925, 1920
1627 N CORLIES	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1920
1627 N CORLIES ST	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1946, 1936, 1930, 1925
1628 30TH ST E	2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920
1628 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930
1628 N 30TH ST	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1930, 1925, 1920
1629 30TH ST E	2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920

FINDINGS

Address Researched

Address Not Identified in Research Source

1629 CORLIES N	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1925, 1920
1629 N 30TH ST	2006, 2001, 1993, 1982, 1962, 1930, 1925
1629 N CORLIES	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1920
1629 N CORLIES ST	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1930, 1925
1630 30TH ST E	2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920
1630 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930
1630 N 30TH ST	2006, 2001, 1982, 1977, 1972, 1967, 1962, 1930, 1925, 1920
1631 30TH ST E	2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920
1631 CORLIES N	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1925, 1920
1631 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1920
1631 N 30TH ST	2006, 2001, 1982, 1977, 1972, 1967, 1962, 1930, 1925
1631 N CORLIES	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1920
1631 N CORLIES ST	2006, 2001, 1993, 1982, 1977, 1972, 1962, 1936, 1930, 1925, 1920
1632 30TH ST E	2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920
1632 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1920
1632 N 30TH ST	2006, 2001, 1977, 1962, 1946, 1930, 1925
1633 30TH ST E	2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920
1633 CORLIES N	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1925, 1920
1633 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1920
1633 N 30TH ST	2006, 2001, 1977, 1962, 1930, 1925
1633 N CORLIES	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930
1633 N CORLIES ST	2006, 2001, 1993, 1977, 1972, 1962, 1954, 1936, 1930, 1925, 1920
1633 S CORLIES ST	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1925, 1920
1634 30TH ST E	2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920
1634 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1920
1634 N 30TH ST	2006, 2001, 1962, 1954, 1936, 1930, 1925
1635 30TH ST E	2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920
1635 CORLIES N	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1925, 1920

FINDINGS

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
1635 N 30TH ST	2006, 2001, 1993, 1982, 1977, 1967, 1962, 1930, 1925, 1920
1635 N CORLIES	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930
1635 N CORLIES ST	2006, 2001, 1993, 1982, 1977, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920
1635 S CORLIES ST	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1925, 1920
1636 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930
1636 N 30TH ST	2006, 2001, 1993, 1977, 1967, 1962, 1954, 1930, 1925, 1920
1637 CORLIES N	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1925, 1920
1637 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1925, 1920
1637 N 30TH ST	2006, 2001, 1977, 1962, 1930, 1925
1637 N CORLIES	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925
1637 N CORLIES ST	2006, 2001, 1982, 1977, 1972, 1967, 1962, 1954, 1946, 1936, 1930, 1925, 1920
1637 S CORLIES ST	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1925, 1920
1638 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1920
1638 N 30TH ST	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1930, 1925
1639 CORLIES N	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1925, 1920
1639 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930
1639 N 30TH ST	2006, 2001, 1993, 1982, 1977, 1972, 1962, 1930, 1925
1639 N CORLIES	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1920
1639 N CORLIES ST	2006, 1993, 1982, 1977, 1972, 1967, 1962, 1930, 1925, 1920
1639 S CORLIES ST	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1925, 1920
1640 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1920
1640 N 30TH ST	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1936, 1930, 1925
1642 30TH ST E	2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920
1642 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1925, 1920
1642 N 30TH ST	2006, 2001, 1962, 1954, 1930, 1925
1644 30TH ST E	2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920
1644 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1920
1644 N 30TH ST	2006, 2001, 1993, 1977, 1962, 1930, 1925

FINDINGS

Address Researched

Address Not Identified in Research Source

1646 30TH ST E	2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920
1646 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930
1646 N 30TH ST	2006, 2001, 1993, 1982, 1977, 1972, 1962, 1930, 1925
1648 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1920
1648 N 30TH ST	2006, 2001, 1993, 1982, 1977, 1972, 1962, 1930, 1925
1650 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930
1650 N 30TH ST	2006, 2001, 1993, 1977, 1967, 1962, 1936, 1930, 1925, 1920
1651 N 30TH ST	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1925, 1920
1652 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1920
1652 N 30TH ST	2006, 2001, 1993, 1982, 1977, 1962, 1936, 1930, 1925, 1920
1654 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1925, 1920
1654 N 30TH ST	2006, 2001, 1977, 1972, 1962, 1930, 1925, 1920
1670 N 30TH	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1920
1700 31ST N	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1925, 1920
1700 N 31ST	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930
1700 N 31ST ST	2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1936, 1930, 1925, 1920
1702 N 31ST	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1920
1702 N 31ST ST	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925
2935 TURNER	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1920
2935 TURNER ST	2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925
2937 TURNER ST	2006, 1993, 1982, 1972, 1962, 1954, 1950, 1946, 1930, 1925, 1920
2939 TURNER	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1920
2939 TURNER ST	2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1925
2941 TURNER	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1920
2941 TURNER ST	2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925
2943 TURNER	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1920
2943 TURNER ST	2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1925
3009 W GLENWOOD AVE	2006, 2001, 1977, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920
3011 W GLENWOOD AVE	2006, 2001, 1977, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920

FINDINGS

Address Researched

3018 GLENWOOD AVE

3018 GLENWOOD AVE SW

3018 W GLENWOOD AVE

3020 CECIL B MOORE AVE

3022 GLENWOOD AVE

3028 GLENWOOD AVE

3029 W GLENWOOD AVE

3031 GLENWOOD AVE SW

3031 W GLENWOOD AVE

3101 CECIL B MOORE AVE

3103 CECIL B MOORE AVE

Address Not Identified in Research Source

2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1936, 1930, 1925, 1920

2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1925, 1920

2006, 2001, 1993, 1982, 1977, 1972, 1962, 1950, 1946, 1936, 1930, 1925, 1920

2006, 2001, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920

2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920

2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1925, 1920

2006, 2001, 1993, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920

2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1925, 1920

2006, 2001, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1930, 1925, 1920

2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920

2006, 1993, 1982, 1977, 1972, 1967, 1962, 1954, 1950, 1946, 1936, 1930, 1925, 1920

APPENDIX J

ASBESTOS SURVEY

ASBESTOS SURVEY
3033 Glenwood Avenue
Philadelphia, Pennsylvania

I. INTRODUCTION

Duffield Associates, Inc. (Duffield Associates) completed an asbestos survey of the building located at 3033 Glenwood Avenue (the "Property"), in Philadelphia, Pennsylvania. The purpose of the asbestos survey was to assess the presence or absence of asbestos-containing materials (ACMs) at the Property. This survey was performed in accordance with our proposal, dated May 11, 2011.

II. BUILDING OBSERVATIONS

The building on the Property was reviewed visually, both internally and externally, on June 2, 2011, by Duffield Associates' representative. The two-story building was constructed of concrete and masonry. The building's footprint was approximately 35,400 square feet. The second story of the building consisted of offices on the eastern portion of building. Loading docks were observed in the northeastern portion of the second story. The ground floor contained offices, storage areas, restrooms, a boiler room, and two (2) large main rooms. The eastern portion of the second story is finished with wooden floors in varying states of decay. The remainder of the building is finished with concrete slabs. Resilient floor tiles were observed on the central and southern portions of the second story and in offices on the ground floor. Acoustic ceiling tiles were observed on the southern portion of the second story.

Portions of the second story were inaccessible due to prior floor and ceiling collapses. Debris in the building also limited access. The roof was inaccessible during the site visit and is assumed to consist of bitumastic roofing material.

III. ASBESTOS SURVEY

On June 2, 2011, Mr. Bradley Summerville of Duffield Associates conducted an asbestos survey at the Property. Mr. Summerville is certified to perform asbestos surveys and collect bulk material samples and is a licensed City of Philadelphia Asbestos Investigator. A copy of his certification and license is provided in Attachment A.

A total of 110 bulk building material samples were collected and analyzed for asbestos content. The sampled materials included resilient floor tiles, floor tile mastic, ceiling tiles, drywall, plaster, window caulking, and thermal system insulation (TSI) such as pipe, duct, and boiler insulation. At least three (3) samples were collected of each potential ACM, as recommended by the U. S. Environmental Protection Agency (EPA) for miscellaneous building materials. Copies of Duffield Associates' sample collection field sheets are provided as Attachment B. All observed ACMs were in fair to poor condition. The samples were submitted to Duffield Associates' subcontractor, International Asbestos Testing Laboratory (IATL), for testing. Samples were submitted in accordance with the City of Philadelphia's Quality Assurance Project Plan (QAPP), dated January 22, 2007. IATL is a National Voluntary Laboratory Accreditation Program certified laboratory for analysis of asbestos by the Polarized Light Microscopy (PLM) method. PLM is the primary method for bulk sample analysis for asbestos fibers.

Asbestos results, shown below, include a summary of the building material samples submitted for laboratory analysis that were confirmed as asbestos containing through analytical laboratory results. The summary table also provides an estimate quantity of identified ACM. A copy of IATL's analytical results is provided as Attachment C.

Table 1: Asbestos Results

<i>Asbestos Sampling Results</i>					
Sample ID #	Laboratory ID #	Building Material Description	Sampling Location	Percent Asbestos	Quantity
1-4	4324269	Green 9"x9" floor tile	Ground Floor	3.2% ^C	~600 sq ft
1-5	4324270	Green 9"x9" floor tile	Ground Floor	3.8% ^C	
1-6	4324271	Green 9"x9" floor tile	Ground Floor	3.5% ^C	
1-10	4324277	White boiler insulation	Boiler Room, Top of Boilers	10% ^C	~ 10 sq ft
1-11	4324278	White boiler insulation	Boiler Room, Top of Boilers	4.3% ^C	
1-12	4324279	White boiler insulation	Boiler Room, Top of Boilers	3.2% ^C	
1-13	4324280	White pipe insulation	Boiler Room	10% ^C , 40% ^A	~ 200 ln ft
1-14	4324281	White pipe insulation	Boiler Room	10% ^C , 40% ^A	
1-15	4324282	White pipe insulation	Boiler Room	10% ^C , 40% ^A	
1-19	4324286	White pipe insulation	Boiler Room, Exhausts	10% ^C , 50% ^A	~ 100 ln ft
1-20	4324287	White pipe insulation	Boiler Room, Exhausts	10% ^C , 40% ^A	
1-21	4324288	White pipe insulation	Boiler Room, Exhausts	10% ^C , 40% ^A	
1-25	4324292	White pipe wrap insulation	Ground Floor	90% ^C	~ 130 ln ft
1-26	4324293	White pipe wrap insulation	Ground Floor	90% ^C	
1-27	4324294	White pipe wrap insulation	Ground Floor	90% ^C	
1-31	4324298	White duct insulation	Ground Floor, 2 nd -Story	60% ^C	~ 300 ln ft
1-32	4324299	White duct insulation	Ground Floor, 2 nd -Story	60% ^C	
1-33	4324300	White duct insulation	Ground Floor, 2 nd -Story	60% ^C	
1-34	4324301	White pipe wrap insulation	Ground Floor	90% ^C	~ 1,000 ln ft
1-35	4324302	White pipe wrap insulation	Ground Floor	90% ^C	
1-36	4324303	White pipe wrap insulation	Ground Floor	90% ^C	
2-1	4324314	Grey 9"x9" floor tile	2 nd Floor	2.2% ^C	~12,000 sq ft
2-2	4324315	Grey 9"x9" floor tile	2 nd Floor	2.4% ^C	
2-3	4324316	Grey 9"x9" floor tile	2 nd Floor	2.1% ^C	
2-4	4324317	Grey 9"x9" floor tile	2 nd Floor	2.3% ^C	
2-5	4324318	Grey 9"x9" floor tile	2 nd Floor	2.5% ^C	
2-6	4324319	Grey 9"x9" floor tile	2 nd Floor	2.1% ^C	
2-7	4324320	Grey 9"x9" floor tile	2 nd Floor	2.3% ^C	
2-8	4324321	Grey 9"x9" floor tile	2 nd Floor	2.1% ^C	
2-9	4324322	Grey 9"x9" floor tile	2 nd Floor	2.2% ^C	
2-49	4324370	Grey window caulking (1/4 inch bead)*	2 nd Floor - Exterior	2.7% ^C	~350 sq ft
2-50	4324371	Grey window caulking (1/4 inch bead)*	2 nd Floor - Exterior	2.3% ^C	
2-51	4324372	Grey window caulking (1/4 inch bead)*	2 nd Floor - Exterior	2.5% ^C	

NOTES:

^C = Chrysotile asbestos fibers

^A = Amosite asbestos fibers

ln ft = Linear Feet

sq ft = Square Feet

* = Incorrectly identified as glazing on field sheets.

An asbestos content of greater than 1 percent is considered asbestos containing and, therefore, are considered "regulated" ACM (or RACM) under Federal regulations.

Floor Tile

The green floor tile samples 1-4 through 1-6 (see Table 1, above) were collected from the ground floor's office area in the central portion of the building. Grey tile samples (2-1 through 2-9) were collected from the central portion of the second story. The sampled tiles were reported to contain chrysotile asbestos. Duffield Associates estimates approximately 12,600 square feet of asbestos-containing tile is present within the building.

Thermal System Insulation

Boiler insulation samples 1-10 through 1-12 were collected from the top of the boilers. The samples were reported to contain chrysotile asbestos fibers. Duffield Associates estimates approximately 10-square feet of asbestos-containing boiler insulation was present on the boiler.

Pipe wrap and pipe insulation samples identified above were collected from the boiler room and throughout the main rooms of the ground floor. Pipe insulation was reported to contain chrysotile and amosite asbestos fibers. Pipe wrap was reported to contain chrysotile asbestos fibers. Approximately 1,740 linear feet of pipe wrap and pipe insulation was present in the building.

Ventilation duct insulation samples 1-31 through 1-33 were collected from the ducts of three (3) apparent ventilation units, located in the southern main room on the ground floor of the building. The ventilation duct insulation was reported to contain chrysotile asbestos fibers. The ventilation duct insulation observed within the building is estimated to be approximately 300 linear feet.

Window Caulking

Grey window caulking observed between the window and metal frame and the metal frame and masonry of the exterior windows of the eastern wall (samples 2-49, 2-50, and 2-51) were found to contain chrysotile asbestos. A total of 44 windows were observed on the building. Inaccessible windows included eight (8) along the eastern wall, which were covered in plywood and four (4) along the southern wall, which were located behind a fence. Seventeen (17) windows located on the western wall of the second story and ten (10) windows located on the ground floor of the building also were inaccessible. The caulking on the inaccessible windows should be considered RACM unless tested and proved otherwise. Duffield Associates estimates 44 window exteriors of the building have asbestos-containing window caulking for approximately 350 square feet of RACM.

Presumed ACM

Due to poor structural conditions, the roof was inaccessible during the site visit. The roof is approximately 35,400 square feet and roofing material is presumed ACM (or PACM.)

Flue packing was observed in locations where ventilation ducts entered and exited masonry walls. Flue packing sampling points were inaccessible during the site visit due to debris and ceiling heights. The observed flue packing is assumed to be PACM. Duffield Associates estimates approximately 5 cubic feet of flue packing is present in the building.

Due to the potential for renovation or demolition activities to release asbestos fibers, Federal regulations require certain ACMs be removed separately from other materials, prior to starting renovation or demolition activities. The asbestos-containing waste materials generated by the removal work require special preparation and management.

Asbestos-containing waste may only be disposed at approved waste disposal, storage, or transfer facilities, in accordance with the applicable Commonwealth of Pennsylvania Department of Environmental Protection (PADEP) and U.S. Environmental Protection Agency (USEPA) regulations.

Federal, State, and City of Philadelphia regulations require the abatement of friable building materials containing greater than 1% asbestos prior to building demolition. The USEPA defines friable materials as materials that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure. TSI and flue packing (PACM) observed at the Property is considered friable under the USEPA's definition.

The roofing material is assumed to be Category I Non-Friable ACM. Additionally, the 9-inch square floor tiles and window caulking are considered to be Category I Non-Friable ACMs. Duffield Associates contacted Mr. Andy Jones, of the City of Philadelphia Department of Public Health Air Management Services (AMS) concerning the Category I non-friable ACMs observed at the Property. Mr. Jones indicated that City of Philadelphia regulations require the removal of these non-friable materials by a licensed contractor, if renovation is planned in the vicinity of the materials.

USEPA requires written notification of asbestos removal activities at least ten (10) working days prior to the start of removal work. According to the National Emission Standards for Hazardous Air Pollutants (NESHAP), RACM/PACM cannot be stripped, removed, handled, or disturbed at a facility unless at least one (1) foreman, management level person, or other authorized representative is trained in the provisions of NESHAP and the means of compliance are present.

City of Philadelphia regulations parallel the Federal NESHAP guidelines and require separate written notification of the AMS program at least ten (10) working days prior to the start of RACM/PACM removal or other demolition activities. City of Philadelphia regulations require that RACM/PACM be removed by a City of Philadelphia Department of Public Health licensed asbestos contractor. If the building is planned for renovation, asbestos abatement air monitoring is required. No asbestos abatement air monitoring is required if the building is demolished.

Based on the findings of this asbestos survey, Mr. Summerville completed the City of Philadelphia's Asbestos Inspection Report for the facility. This report is included as Attachment D.

IV. CONCLUSIONS AND RECOMMENDATIONS

Duffield Associates collected 110 samples of potential asbestos-containing building materials. The building materials sampled included the following: 9-inch by 9-inch floor tiles, floor tile mastic, acoustic ceiling tiles, drywall, plaster, window caulking, and piping insulation. Laboratory results indicated that asbestos is present in window caulking associated with the building windows. Asbestos also was identified in 9-inch by 9-inch floor tiles. The asbestos-containing tiles were observed on the central portion of the second story and the office

space of the ground floor. Asbestos was identified in TSI located through-out the main rooms of the ground floor.

Flue packing was observed during the site visit, but was inaccessible. Flue packing is presumed to be ACM. The roof was inaccessible during the site visit. The roofing material also is presumed to be ACM (PACM).

Prior to performing building demolition or renovation activities, written notifications are to be submitted to AMS and USEPA regarding the proposed removal of ACMs a minimum of ten (10) working days in advance of initiating an abatement project. The notification requires that a start date for the removal be specified. If that date changes following submission of the notification, a revised notification must be filed.

City and Federal regulations require that a City of Philadelphia-licensed asbestos contractor remove identified ACMs (both RACM and PACM) from the building prior to site renovation/demolition after the ten (10)-day notification. If the building is planned for re-occupancy, air monitoring would be required during the abatement.

These recommendations have been prepared according to generally accepted environmental standards, and are based on the conditions encountered by the sampling performed at the site. It is noted that, although environmental quality or quantity have been inferred from the interpolation of the sampling data, conditions beyond the sampling points are, in fact, unknown. As a result, these recommendations may require modifications based on the conditions encountered and exposed during demolition activities. Should any conditions encountered during demolition differ from those described in this report, this office should be notified immediately in order to review and possibly modify these recommendations. The cost for this demolition review is not part of the existing agreement. This report applies solely to the size, type, and location of the buildings described herein. In the event that changes are proposed, this report will not be considered valid unless the changes have been reviewed and the recommendations of this report modified and reapproved in writing by Duffield Associates, Inc.

WORD\8165EG.0711-ASBESTOS.RPT

ATTACHMENT A

**AHERA ASBESTOS INSPECTOR
CERTIFICATION AND
CITY OF PHILADELPHIA
ASBESTOS INVESTIGATOR LICENSE**

AEROSOL MONITORING & ANALYSIS, INC.

This is to certify that

BRAD SUMMERVILLE

*has met the attendance requirements and successfully completed
the course entitled*

4-Hour EPA AHERA Inspector Refresher

For Accreditation Under TSCA Title II

02/07/2011	02/07/2011	2/7/2012	DAVID TRUMAN	<i>David Truman</i>
Course Date	Exam Date	Expiration Date	Principal Instructor	
110920	VA110920		E. Rush Barnett	<i>E. Rush Barnett</i>
Certification No.	Virginia Certification No.		Course Director	

1331 Ashton Road

P.O.Box 646

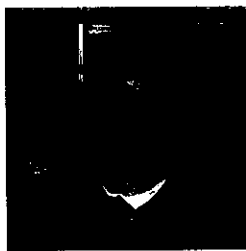
Hanover, MD 21076

P: 410-684-3327

F: 410-684-3724

www.amatraining.com

**ASBESTOS
INVESTIGATOR**



BRAD SUMMERVILLE

Certification #0571

Issue Date: 03/29/11

Expiration: 3/31/12



**City of Philadelphia
Dept. of Public Health
Public Health Services
Air Management Services**

ATTACHMENT B

FIELD SAMPLING SHEETS



Duffield Associates, Inc.
Bulk Asbestos Sample Log
Client: PIDC
Project Name: Glenwood
P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808
(302) 239-6634 FAX: (302) 239-8485
Site Location: 3033 Glenwood Avenue
Date: 6/2/2011
Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
1-1	5/8" Drywall	Ground Floor	Friable	TBD	PLM	Poor
1-2	5/8" Drywall	Ground Floor	Friable	TBD	PLM	Poor
1-3	5/8" Drywall	Ground Floor	Friable	TBD	PLM	Poor
1-4	9x9" Grey Floor Tile	Ground Floor	Non-Friable	TBD	PLM	Poor
1-5	9x9" Grey Floor Tile	Ground Floor	Non-Friable	TBD	PLM	Poor
1-6	9x9" Grey Floor Tile	Ground Floor	Non-Friable	TBD	PLM	Poor
1-4a	Beige Floor Tile Mastic	Ground Floor	Non-Friable	TBD	PLM	Poor
1-5a	Beige Floor Tile Mastic	Ground Floor	Non-Friable	TBD	PLM	Poor
1-6a	Beige Floor Tile Mastic	Ground Floor	Non-Friable	TBD	PLM	Poor
1-7	White/grey window glazing	Ground Floor	Friable	TBD	PLM	Poor
* PI - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile WT - Wall Tile SC - Spray Cell SW - Spray Wall SB - Spray Beam DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor						

Notes:

1. n/a = not applicable
 2. PLM = Polarized Light Microscopy
 3. TBD = To Be Determined
1. Relinquished Brad Summerville

2. Received

Date 6/3/11

Date

Time 9:00

Time



Duffield Associates, Inc.

Bulk Asbestos Sample Log

Client: PIDC

Project Name: Glenwood

P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808

(302) 239-6634 FAX: (302) 239-8485

Site Location: 3033 Glenwood Avenue

Date: 6/2/2011

Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
1-8	White/grey window glazing	Ground Floor	Friable	TBD	PLM	Poor
1-9	White/grey window glazing	Ground Floor	Friable	TBD	PLM	Poor
1-10	White Boiler Insulation	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-11	White Boiler Insulation	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-12	White Boiler Insulation	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-13	White Pipe Insulation	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-14	White Pipe Insulation	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-15	White Pipe Insulation	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-16	Brown Boiler Insulation	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-17	Brown Boiler Insulation	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
*	PT - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile	DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster	CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation	TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic	AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor	

Notes:

1. n/a = not applicable
2. PLM = Polarized Light Microscopy
3. TBD = To Be Determined
1. Relinquished Brad Summerville

2. Received

Date 6/3/11

Date

Time 9:00

Time



Duffield Associates, Inc.
Bulk Asbestos Sample Log
Client: PIDC
Project Name: Glenwood
P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808
(302) 239-6634 FAX: (302) 239-8485
Site Location: 3033 Glenwood Avenue
Date: 6/2/2011
Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
1-18	Brown Boiler Insulation	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-19	White Pipe Insulation	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-20	White Pipe Insulation	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-21	White Pipe Insulation	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-22	Water Heater Insulation, Yellow	Ground Floor	Friable	TBD	PLM	Poor
1-23	Water Heater Insulation, Yellow	Ground Floor	Friable	TBD	PLM	Poor
1-24	Water Heater Insulation, Yellow	Ground Floor	Friable	TBD	PLM	Poor
1-25	White Pipe Wrap Insulation	Ground Floor	Friable	TBD	PLM	Poor
1-26	White Pipe Wrap Insulation	Ground Floor	Friable	TBD	PLM	Poor
1-27	White Pipe Wrap Insulation	Ground Floor	Friable	TBD	PLM	Poor
*	PI - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile	DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster	CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation	TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic	AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor	

Notes:

1. n/a = not applicable
2. PLM = Polarized Light Microscopy
3. TBD = To Be Determined
1. Relinquished Brad Summerville

2. Received

Date 6/3/11

Time 9:05



Duffield Associates, Inc.
Bulk Asbestos Sample Log
Client: PIDC
Project Name: Glenwood
P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808
(302) 239-6634 FAX: (302) 239-8485
Site Location: 3033 Glenwood Avenue
Date: 6/2/2011
Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
1-28	Brown Mastic	Ground Floor	Non-Friable	TBD	PLM	Poor
1-29	Brown Mastic	Ground Floor	Non-Friable	TBD	PLM	Poor
1-30	Brown Mastic	Ground Floor	Non-Friable	TBD	PLM	Poor
1-31	White Duct Insulation	Ground Floor	Friable	TBD	PLM	Poor
1-32	White Duct Insulation	Ground Floor	Friable	TBD	PLM	Poor
1-33	White Duct Insulation	Ground Floor	Friable	TBD	PLM	Poor
1-34	White Pipe Wrap Insulation	Ground Floor	Friable	TBD	PLM	Poor
1-35	White Pipe Wrap Insulation	Ground Floor	Friable	TBD	PLM	Poor
1-36	White Pipe Wrap Insulation	Ground Floor	Friable	TBD	PLM	Poor
1-37	5/8" Drywall	Ground Floor	Friable	TBD	PLM	Poor
*	PI - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile	DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster	CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation	TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic	AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor	

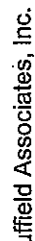
Notes:

1. n/a = not applicable
2. PLM = Polarized Light Microscopy
3. TBD = To Be Determined

1. Relinquished Brad Summerville

Date 6/3/11
Time 9:06

2. Received
Date
Time



Bulk Asbestos Sample Log

Client: PIDC

Project Name: Glenwood

P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808

(302) 239-6634
FAX: (302) 239-8485

Site Location: 3033 Glenwood Avenue

Date: 6/2/2011Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
1-38	Drywall	Ground Floor	Friable	TBD	PLM	Poor
1-39	Drywall	Ground Floor	Friable	TBD	PLM	Poor
1-40	Gray Window Glazing	Ground Floor	Friable	TBD	PLM	Poor
1-41	Gray Window Glazing	Ground Floor	Friable	TBD	PLM	Poor
1-42	Gray Window Glazing	Ground Floor	Friable	TBD	PLM	Poor
1-43	Brown/Orange Equipment Insulation	Ground Floor	Friable	TBD	PLM	Poor
1-44	Brown/Orange Equipment Insulation	Ground Floor	Friable	TBD	PLM	Poor
1-45	Brown/Orange Equipment Insulation	Ground Floor	Friable	TBD	PLM	Poor
*	Pl - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee ET - Floor Tile	DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster	CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation	TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic	AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor	

Notes:

1. n/a = not applicable
2. PLM = Polarized Light Microscopy
3. TBD = To Be Determined

2. Received

Date

Time



Duffield Associates, Inc.

Bulk Asbestos Sample Log

Client: PIDC

Project Name: Glenwood

P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808

(302) 239-6634 FAX: (302) 239-8485

Site Location: 3033 Glenwood Avenue

Date: 6/2/2011

Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
2-1	9x9" Grey Floor Tile	2nd Floor	Non-Friable	TBD	PLM	Poor
2-2	9x9" Grey Floor Tile	2nd Floor	Non-Friable	TBD	PLM	Poor
2-3	9x9" Grey Floor Tile	2nd Floor	Non-Friable	TBD	PLM	Poor
2-4	9x9" Grey Floor Tile	2nd Floor	Non-Friable	TBD	PLM	Poor
2-5	9x9" Grey Floor Tile	2nd Floor	Non-Friable	TBD	PLM	Poor
2-6	9x9" Grey Floor Tile	2nd Floor	Non-Friable	TBD	PLM	Poor
2-7	9x9" Grey Floor Tile	2nd Floor	Non-Friable	TBD	PLM	Poor
2-8	9x9" Grey Floor Tile	2nd Floor	Non-Friable	TBD	PLM	Poor
2-9	9x9" Grey Floor Tile	2nd Floor	Non-Friable	TBD	PLM	Poor
2-1a	Black Floor Tile Mastic	2nd Floor	Non-Friable	TBD	PLM	Poor
*	Pl - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile	DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster	CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation	TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic	AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor	

Notes:

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3. TBD = To Be Determined
1. Relinquished Brad Summerville

2. Received

Date 6/3/11

Time 9:05



Duffield Associates, Inc.

Bulk Asbestos Sample Log

Client: PIDC

Project Name: Glenwood

P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808

(302) 239-6634 FAX: (302) 239-8485

Site Location: 3033 Glenwood Avenue

Date: 6/2/2011

Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
2-2a	Black Floor Tile Mastic	2nd Floor	Non-Friable	TBD	PLM	Poor
2-3a	Black Floor Tile Mastic	2nd Floor	Non-Friable	TBD	PLM	Poor
2-4a	Black Floor Tile Mastic	2nd Floor	Non-Friable	TBD	PLM	Poor
2-5a	Black Floor Tile Mastic	2nd Floor	Non-Friable	TBD	PLM	Poor
2-6a	Black Floor Tile Mastic	2nd Floor	Non-Friable	TBD	PLM	Poor
2-7a	Black Floor Tile Mastic	2nd Floor	Non-Friable	TBD	PLM	Poor
2-8a	Black Floor Tile Mastic	2nd Floor	Non-Friable	TBD	PLM	Poor
2-9a	Black Floor Tile Mastic	2nd Floor	Non-Friable	TBD	PLM	Poor
2-10	2x1' Accoustic Ceiling Tile	2nd Floor	Friable	TBD	PLM	Poor
2-11	2x1' Accoustic Ceiling Tile	2nd Floor	Friable	TBD	PLM	Poor
*	Pl - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile	DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster	CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation	TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic	AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor	

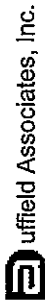
Notes:

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3. TBD = To Be Determined
1. Relinquished Brad Summerville

2. Received

Date 6/2/11

Time 9:00



Duffield Associates, Inc.

Bulk Asbestos Sample Log

Client:

PIDC

Project Name:

Glenwood

P.O. Number:

8165.EG

5400 Limestone Rd. Wilmington, DE 19808

(302) 239-6634 FAX: (302) 239-8485

Site Location: 3033 Glenwood Avenue

Date: 6/2/2011

Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
2-12	2x1' Accoustic Ceiling Tile	2nd Floor	Friable	TBD	PLM	Poor
2-13	2x1' Accoustic Ceiling Tile	2nd Floor	Friable	TBD	PLM	Poor
2-14	2x1' Accoustic Ceiling Tile	2nd Floor	Friable	TBD	PLM	Poor
2-15	2x1' Accoustic Ceiling Tile	2nd Floor	Friable	TBD	PLM	Poor
2-16	2x1' Accoustic Ceiling Tile	2nd Floor	Friable	TBD	PLM	Poor
2-17	2x1' Accoustic Ceiling Tile	2nd Floor	Friable	TBD	PLM	Poor
2-18	2x1' Accoustic Ceiling Tile	2nd Floor	Friable	TBD	PLM	Poor
2-19	5/8" Drywall	2nd Floor	Friable	TBD	PLM	Poor
2-20	5/8" Drywall	2nd Floor	Friable	TBD	PLM	Poor
2-21	5/8" Drywall	2nd Floor	Friable	TBD	PLM	Poor
*	Pl - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile WT - Wall Tile SC - Spray Cell SW - Spray Wall SB - Spray Beam	DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster	CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation	TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic	AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor	

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1. Relinquished Brad Summerville

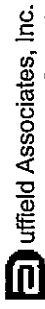
2. Received

Date 6/3/11

Date

Time 3:00

Time



Duffield Associates, Inc.

Bulk Asbestos Sample Log

Client: PIDC

Project Name: Glenwood

P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808

(302) 239-6634 FAX: (302) 239-8485

Site Location: 3033 Glenwood Avenue

Date: 6/2/2011

Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
2-22	5/8" Drywall	2nd Floor	Friable	TBD	PLM	Poor
2-23	5/8" Drywall	2nd Floor	Friable	TBD	PLM	Poor
2-24	5/8" Drywall	2nd Floor	Friable	TBD	PLM	Poor
2-25	5/8" Drywall	2nd Floor	Friable	TBD	PLM	Poor
2-26	5/8" Drywall	2nd Floor	Friable	TBD	PLM	Poor
2-27	5/8" Drywall	2nd Floor	Friable	TBD	PLM	Poor
2-28	Yellow Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-29	Yellow Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-30	Yellow Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-31	White Plaster	2nd Floor	Friable	TBD	PLM	Poor
*	PI - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile	WT - Wall Tile SC - Spray Cell SW - Spray Wall SB - Spray Beam	CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation	TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic	AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor	

Notes:

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1. Relinquished Brad Summerville

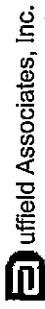
2. Received

Date

6/3/11

Time

905



Duffield Associates, Inc.

Bulk Asbestos Sample Log

Client: PIDC

Project Name: Glenwood

P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808

(302) 239-6634 FAX: (302) 239-8485

Site Location: 3033 Glenwood Avenue

Date: 6/2/2011

Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
2-32	White Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-33	White Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-34	White Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-35	White Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-36	White Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-37	Black Duct Insulation	2nd Floor	Friable	TBD	PLM	Poor
2-38	Black Duct Insulation	2nd Floor	Friable	TBD	PLM	Poor
2-39	Black Duct Insulation	2nd Floor	Friable	TBD	PLM	Poor
2-40	Grey Window Glazing	2nd Floor	Friable	TBD	PLM	Poor
2-41	Grey Window Glazing	2nd Floor	Friable	TBD	PLM	Poor
*	Pl - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile	WT - Wall Tile SC - Spray Cell SW - Spray Wall SB - Spray Beam	CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation	TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic	AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor	

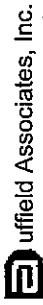
Notes:

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2. PLM = Polarized Light Microscopy
3. TBD = To Be Determined
1. Relinquished Brad Summerville

2. Received

Date 6/3/11

Time 9:00



Duffield Associates, Inc.

Bulk Asbestos Sample Log

Client: PDC

Project Name: Glenwood

P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808

(302) 239-6634 FAX: (302) 239-8485

Site Location: 3033 Glenwood Avenue

Date: 6/2/2011

Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
2-42	Grey Window Glazing	2nd Floor	Friable	TBD	PLM	Poor
2-43	White Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-44	White Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-45	White Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-46	White Spackle	2nd Floor Exterior	Friable	TBD	PLM	Poor
2-47	White Spackle	2nd Floor Exterior	Friable	TBD	PLM	Poor
2-48	White Spackle	2nd Floor Exterior	Friable	TBD	PLM	Poor
2-49	Gray Window Glazing	2nd Floor Exterior	Friable	TBD	PLM	Poor
2-50	Grey Window Glazing	2nd Floor Exterior	Friable	TBD	PLM	Poor
2-51	Grey Window Glazing	2nd Floor Exterior	Friable	TBD	PLM	Poor
*	PI - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile	DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster	CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation	TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic	AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor	

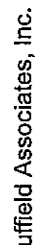
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3. TBD = To Be Determined
1. Relinquished Brad Summerville

2. Received

Date 6/3/11

Time 9:00



5400 Limestone Rd. Wilmington, DE 19808
FAX: (302) 239-8485
3033 Glenwood Avenue
Site Location:
Date: 6/2/2011
Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
2-52	Gray Caulking	2nd Floor, Exterior	Friable	TBD	PLM	Poor
2-53	Gray Caulking	2nd Floor, Exterior	Friable	TBD	PLM	Poor
2-54	Gray Caulking	2nd Floor, Exterior	Friable	TBD	PLM	Poor
*	PI - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile	WT - Wall Tile SC - Spray Cell SW - Spray Wall SB - Spray Beam	DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster	CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation	TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic.	AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor

Notes:

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3. TBD = To Be Determined

1. Relinquished Brad Summerville

Date 6/3/11

Time 0606

ATTACHMENT C

INTERNATIONAL ASBESTOS TESTING LABORATORY (IATL) RESULTS FOR ASBESTOS

CERTIFICATE OF ANALYSIS

Client: Duffield Associates, Inc
5400 Limestone Road
Wilmington DE 19808

Report Date: 6/13/2011
Report No.: 242125
Project: 3033 Glenwood Avenue
Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324265	Description / Location: Tan/White Sheetrock	
Client No.: 1-1	Ground Floor	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>
None Detected	None Detected	2
		2
		Cellulose
		Fibrous Glass
		96

Lab No.: 4324266	Description / Location: Tan/White Sheetrock	
Client No.: 1-2	Ground Floor	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>
None Detected	None Detected	5
		2
		Cellulose
		Fibrous Glass
		93

Lab No.: 4324267	Description / Location: Tan/White Sheetrock	
Client No.: 1-3	Ground Floor	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>
None Detected	None Detected	5
		2
		Cellulose
		Fibrous Glass
		93

Lab No.: 4324268	Description / Location: Green Floor Tile; 9x9	
Client No.: 1-4	Ground Floor	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>
PC 3.2	Chrysotile	None Detected
		None Detected
		PC 96.8

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

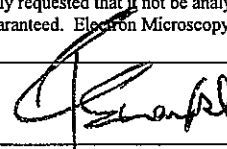
*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: M. Mirza

Approved By:



Date: 6/13/2011

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Duffield Associates, Inc

5400 Limestone Road

Wilmington DE 19808

Report Date: 6/13/2011**Report No.:** 242125**Project:** 3033 Glenwood Avenue**Project No.:** 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324269**Client No.:** 1-5**Description / Location:** Green Floor Tile; 9x9

Ground Floor

% AsbestosType% Non-Asbestos Fibrous MaterialType% Non-Fibrous Material

PC 3.8

Chrysotile

None Detected

None Detected

PC 96.2

Lab No.: 4324270**Client No.:** 1-6**Description / Location:** Green Floor Tile; 9x9

Ground Floor

% AsbestosType% Non-Asbestos Fibrous MaterialType% Non-Fibrous Material

PC 3.5

Chrysotile

None Detected

None Detected

PC 96.5

Lab No.: 4324271**Client No.:** 1-4a**Description / Location:** Tan/White Mastic/Floor Filler

Ground Floor

% AsbestosType% Non-Asbestos Fibrous MaterialType% Non-Fibrous Material

None Detected

None Detected

None Detected

None Detected

100

Lab No.: 4324272**Client No.:** 1-5a**Description / Location:** Tan/White Mastic/Floor Filler

Ground Floor

% AsbestosType% Non-Asbestos Fibrous MaterialType% Non-Fibrous Material

None Detected

None Detected

None Detected

None Detected

100

Accreditations:**NIST-NVLAP No. 101165-0****NY-DOH No. 11021****AIHA-LAP, LLC No. 100188**

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Analytical Method

EPA 600/R-93/116

Comments:

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Analysis Performed By: M. Mirza**Date:** 6/13/2011

CERTIFICATE OF ANALYSIS

Client: Duffield Associates, Inc
5400 Limestone Road
Wilmington DE 19808

Report Date: 6/13/2011
Report No.: 242125
Project: 3033 Glenwood Avenue
Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324273	Description / Location: Tan/White Mastic/Floor Filler			
Client No.: 1-6a	Ground Floor			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.: 4324274	Description / Location: White Window Glazing			
Client No.: 1-7	Ground Floor			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.: 4324275	Description / Location: White Window Glazing			
Client No.: 1-8	Ground Floor			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.: 4324276	Description / Location: White Window Glazing			
Client No.: 1-9	Ground Floor			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

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Analytical Method EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: M. Mirza

Date: 6/13/2011

CERTIFICATE OF ANALYSIS

Client: Duffield Associates, Inc
5400 Limestone Road
Wilmington DE 19808

Report Date: 6/13/2011
Report No.: 242125
Project: 3033 Glenwood Avenue
Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4324277	Description / Location:	Off-White/Grey Boiler Insulation	
Client No.:	1-10		Ground Floor, Boiler Room	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
10	Chrysotile	70	Mineral Wool	20

Lab No.:	4324278	Description / Location:	Off-White/Grey Boiler Insulation	
Client No.:	1-11		Ground Floor, Boiler Room	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 4.3	Chrysotile	70	Mineral Wool	PC 25.7

Lab No.:	4324279	Description / Location:	Off-White/Grey Boiler Insulation	
Client No.:	1-12		Ground Floor, Boiler Room	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 3.2	Chrysotile	70	Mineral Wool	PC 26.8

Lab No.:	4324280	Description / Location:	White/Black Pipe Insulation	
Client No.:	1-13		Ground Floor, Boiler Room	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
10	Chrysotile	10	Mineral Wool	40
40	Amosite			

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188
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Analytical Method EPA 600/R-93/116

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Analysis Performed By: M. Mirza

Date: 6/13/2011

CERTIFICATE OF ANALYSIS

Client:	Duffield Associates, Inc	Report Date:	6/13/2011
	5400 Limestone Road	Report No.:	242125
	Wilmington DE 19808	Project:	3033 Glenwood Avenue
		Project No.:	9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4324281	Description / Location:	White/Black Pipe Insulation
Client No.:	1-14		Ground Floor, Boiler Room
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
10	Chrysotile	10	Mineral Wool
40	Amosite		
			<u>% Non-Fibrous Material</u>
			40

Lab No.:	4324282	Description / Location:	White/Black Pipe Insulation
Client No.:	1-15		Ground Floor, Boiler Room
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
10	Chrysotile	10	Mineral Wool
40	Amosite		
			<u>% Non-Fibrous Material</u>
			40

Lab No.:	4324283	Description / Location:	Brown Rust
Client No.:	1-16		Ground Floor, Boiler Room
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
PC Trace	Chrysotile	None Detected	None Detected
			<u>% Non-Fibrous Material</u>
			100

Note: Different material than indicated on Sample Log / Description.

Lab No.:	4324284	Description / Location:	Brown Rust
Client No.:	1-17		Ground Floor, Boiler Room
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	None Detected	None Detected
			<u>% Non-Fibrous Material</u>
			100

Note: Different material than indicated on Sample Log / Description.

Accreditations:	NIST-NVLAP No. 101165-0	NY-DOH No. 11021	AIHA-LAP, LLC No. 100188
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Analytical Method	EPA 600/R-93/116
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Analysis Performed By: M. Mirza

Date: 6/13/2011

CERTIFICATE OF ANALYSIS

Client: Duffield Associates, Inc
5400 Limestone Road
Wilmington DE 19808

Report Date: 6/13/2011
Report No.: 242125
Project: 3033 Glenwood Avenue
Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324285	Description / Location: Brown Rust			
Client No.: 1-18	Ground Floor, Boiler Room			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Note: Different material than indicated on Sample Log / Description.

Lab No.: 4324286	Description / Location: White Pipe Insulation			
Client No.: 1-19	Ground Floor, Boiler Room			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
10	Chrysotile	None Detected	None Detected	40
50	Amosite			

Lab No.: 4324287	Description / Location: White/Grey Pipe Insulation			
Client No.: 1-20	Ground Floor, Boiler Room			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
10	Chrysotile	5	Cellulose	45
40	Amosite			

Lab No.: 4324288	Description / Location: White/Grey Pipe Insulation			
Client No.: 1-21	Ground Floor, Boiler Room			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
10	Chrysotile	10	Cellulose	40
40	Amosite			

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188
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Analytical Method EPA 600/R-93/116

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Date: 6/13/2011

CERTIFICATE OF ANALYSIS

Client: Duffield Associates, Inc
5400 Limestone Road
Wilmington DE 19808

Report Date: 6/13/2011
Report No.: 242125
Project: 3033 Glenwood Avenue
Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324289	Description / Location: Pink/Brown Water Heater Insulation			
Client No.: 1-22	Ground Floor			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	98	Mineral Wool	2

Lab No.: 4324290	Description / Location: Pink/Brown Water Heater Insulation			
Client No.: 1-23	Ground Floor			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	98	Mineral Wool	2

Lab No.: 4324291	Description / Location: Pink/Brown Water Heater Insulation			
Client No.: 1-24	Ground Floor			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	98	Mineral Wool	2

Lab No.: 4324292	Description / Location: Off-White Pipe Wrap Insulation			
Client No.: 1-25	Ground Floor			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
90	Chrysotile	None Detected	None Detected	10

Accreditations: NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA-LAP, LLC No. 100188

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Analytical Method

EPA 600/R-93/116

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Analysis Performed By: M. Mirza**Date:** 6/13/2011

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5400 Limestone Road
Wilmington DE 19808

Report Date: 6/13/2011
Report No.: 242125
Project: 3033 Glenwood Avenue
Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324293 **Description / Location:** Off-White Pipe Wrap Insulation
Client No.: 1-26 Ground Floor

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
90	Chrysotile	None Detected	None Detected	10

Lab No.: 4324294 **Description / Location:** Off-White Pipe Wrap Insulation
Client No.: 1-27 Ground Floor

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
90	Chrysotile	None Detected	None Detected	10

Lab No.: 4324295 **Description / Location:** Brown Insulation
Client No.: 1-28 Ground Floor

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.: 4324296 **Description / Location:** Brown Insulation
Client No.: 1-29 Ground Floor

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

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Analytical Method EPA 600/R-93/116

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Analysis Performed By: M. Mirza

Date: 6/13/2011

CERTIFICATE OF ANALYSIS

Client:	Duffield Associates, Inc	Report Date:	6/13/2011
	5400 Limestone Road	Report No.:	242125
	Wilmington DE 19808	Project:	3033 Glenwood Avenue
		Project No.:	9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4324297	Description / Location:	Brown Insulation
Client No.:	1-30		Ground Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	None Detected	None Detected
			100

Lab No.:	4324298	Description / Location:	White Duct Insulation
Client No.:	1-31		Ground Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
60	Chrysotile	None Detected	None Detected
			40

Lab No.:	4324299	Description / Location:	White Duct Insulation
Client No.:	1-32		Ground Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
60	Chrysotile	None Detected	None Detected
			40

Lab No.:	4324300	Description / Location:	White Duct Insulation
Client No.:	1-33		Ground Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
60	Chrysotile	None Detected	None Detected
			40

Accreditations:	NIST-NVLAP No. 101165-0	NY-DOH No. 11021	AIHA-LAP, LLC No. 100188
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Analytical Method	EPA 600/R-93/116
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Date: 6/13/2011

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Report Date: 6/13/2011
Report No.: 242125
Project: 3033 Glenwood Avenue
Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324301	Description / Location: White Pipe Wrap Insulation	
Client No.: 1-34	Ground Floor	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>
10	Chrysotile	2
30	Amosite	
		<u>Type</u>
		Cellulose
		<u>% Non-Fibrous Material</u>
		58

Lab No.: 4324302	Description / Location: White Pipe Wrap Insulation	
Client No.: 1-35	Ground Floor	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>
10	Chrysotile	2
30	Amosite	
		<u>Type</u>
		Cellulose
		<u>% Non-Fibrous Material</u>
		58

Lab No.: 4324303	Description / Location: White Pipe Wrap Insulation	
Client No.: 1-36	Ground Floor	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>
10	Chrysotile	2
30	Amosite	
		<u>Type</u>
		Cellulose
		<u>% Non-Fibrous Material</u>
		58

Lab No.: 4324304	Description / Location: Tan/Off-White Sheetrock	
Client No.: 1-37	Ground Floor	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>
None Detected	None Detected	2
		2
		<u>Type</u>
		Cellulose
		Fibrous Glass
		<u>% Non-Fibrous Material</u>
		96

Accreditations: **NIST-NVLAP No. 101165-0** **NY-DOH No. 11021** **AIHA-LAP, LLC No. 100188**
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Analytical Method EPA 600/R-93/116

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Analysis Performed By: M. Mirza

Date: 6/13/2011

CERTIFICATE OF ANALYSIS

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5400 Limestone Road
Wilmington DE 19808

Report Date: 6/13/2011
Report No.: 242125
Project: 3033 Glenwood Avenue
Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324305	Description / Location: Tan/White Sheetrock			
Client No.: 1-38	Ground Floor			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	2	Cellulose	96
		2	Fibrous Glass	

Lab No.: 4324306	Description / Location: Tan/White Sheetrock			
Client No.: 1-39	Ground Floor			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	2	Cellulose	96
		2	Fibrous Glass	

Lab No.: 4324307	Description / Location: Grey/White Window Glazing			
Client No.: 1-40	Ground Floor			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.: 4324308	Description / Location: Grey/White Window Glazing			
Client No.: 1-41	Ground Floor			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

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Analytical Method EPA 600/R-93/116

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Analysis Performed By: M. Mirza

Date: 6/13/2011

CERTIFICATE OF ANALYSIS

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5400 Limestone Road
Wilmington DE 19808

Report Date: 6/13/2011
Report No.: 242125
Project: 3033 Glenwood Avenue
Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324309	Description / Location: Grey/White Window Glazing
Client No.: 1-42	Ground Floor
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Fibrous Material</u>	100

Lab No.: 4324310	Description / Location: Orange/White Rust
Client No.: 1-43	Ground Floor
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Fibrous Material</u>	100

Note: Different material than indicated on Sample Log / Description.

Lab No.: 4324311	Description / Location: Orange/White Rust
Client No.: 1-44	Ground Floor
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Fibrous Material</u>	100

Note: Different material than indicated on Sample Log / Description.

Lab No.: 4324312	Description / Location: Orange/White Rust
Client No.: 1-45	Ground Floor
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Fibrous Material</u>	100

Note: Different material than indicated on Sample Log / Description.

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Analytical Method EPA 600/R-93/116

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Analysis Performed By: M. Mirza

Date: 6/13/2011

CERTIFICATE OF ANALYSIS

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Report No.: 242125

Project: 3033 Glenwood Avenue

Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324313	Description / Location: Grey Floor Tile; 9x9
Client No.: 2-1	2nd Floor
<u>% Asbestos</u>	<u>Type</u>
PC 2.2	Chrysotile
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
	<u>% Non-Fibrous Material</u>
	PC 97.8

Lab No.: 4324314	Description / Location: Grey Floor Tile; 9x9
Client No.: 2-2	2nd Floor
<u>% Asbestos</u>	<u>Type</u>
PC 2.4	Chrysotile
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
	<u>% Non-Fibrous Material</u>
	PC 97.6

Lab No.: 4324315	Description / Location: Grey Floor Tile; 9x9
Client No.: 2-3	2nd Floor
<u>% Asbestos</u>	<u>Type</u>
PC 2.1	Chrysotile
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
	<u>% Non-Fibrous Material</u>
	PC 97.9

Lab No.: 4324316	Description / Location: Grey Floor Tile; 9x9
Client No.: 2-4	2nd Floor
<u>% Asbestos</u>	<u>Type</u>
PC 2.3	Chrysotile
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
	<u>% Non-Fibrous Material</u>
	PC 97.7

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

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Analytical Method EPA 600/R-93/116

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Analysis Performed By: M. Mirza

Date: 6/13/2011

CERTIFICATE OF ANALYSIS

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Wilmington DE 19808

Report Date: 6/13/2011
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Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324317 **Description / Location:** Grey Floor Tile; 9x9
Client No.: 2-5 2nd Floor

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 2.5	Chrysotile	None Detected	None Detected	PC 97.5

Lab No.: 4324318 **Description / Location:** Grey Floor Tile; 9x9
Client No.: 2-6 2nd Floor

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 2.1	Chrysotile	None Detected	None Detected	PC 97.9

Lab No.: 4324319 **Description / Location:** Grey Floor Tile; 9x9
Client No.: 2-7 2nd Floor

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 2.3	Chrysotile	None Detected	None Detected	PC 97.7

Lab No.: 4324320 **Description / Location:** Grey Floor Tile; 9x9
Client No.: 2-8 2nd Floor

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 2.1	Chrysotile	None Detected	None Detected	PC 97.9

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188
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Analytical Method EPA 600/R-93/116

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Analysis Performed By: M. Mirza

Date: 6/13/2011

CERTIFICATE OF ANALYSIS

Client:	Duffield Associates, Inc	Report Date:	6/13/2011
	5400 Limestone Road	Report No.:	242125
	Wilmington DE 19808	Project:	3033 Glenwood Avenue
		Project No.:	9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4324321	Description / Location:	Grey Floor Tile; 9x9
Client No.:	2-9		2nd Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
PC 2.2	Chrysotile	None Detected	None Detected
			PC 97.8

Lab No.:	4324322	Description / Location:	Black Floor Tile Mastic
Client No.:	2-1a		2nd Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	None Detected	None Detected
			100

Lab No.:	4324323	Description / Location:	Black Floor Tile Mastic
Client No.:	2-2a		2nd Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	None Detected	None Detected
			100

Lab No.:	4324324	Description / Location:	Black Floor Tile Mastic
Client No.:	2-3a		2nd Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	None Detected	None Detected
			100

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

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Analytical Method EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: M. Mirza

Date: 6/13/2011

CERTIFICATE OF ANALYSIS

Client:	Duffield Associates, Inc	Report Date:	6/13/2011
	5400 Limestone Road	Report No.:	242125
	Wilmington DE 19808	Project:	3033 Glenwood Avenue
		Project No.:	9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4324325	Description / Location:	Black Floor Tile Mastic
Client No.:	2-4a		2nd Floor
<u>% Asbestos</u>	Type	<u>% Non-Asbestos Fibrous Material</u>	Type
None Detected	None Detected	None Detected	None Detected
			100

Lab No.:	4324326	Description / Location:	Black Floor Tile Mastic
Client No.:	2-5a		2nd Floor
<u>% Asbestos</u>	Type	<u>% Non-Asbestos Fibrous Material</u>	Type
None Detected	None Detected	None Detected	None Detected
			100

Lab No.:	4324327	Description / Location:	Black Floor Tile Mastic
Client No.:	2-6a		2nd Floor
<u>% Asbestos</u>	Type	<u>% Non-Asbestos Fibrous Material</u>	Type
None Detected	None Detected	None Detected	None Detected
			100

Lab No.:	4324328	Description / Location:	Black Floor Tile Mastic
Client No.:	2-7a		2nd Floor
<u>% Asbestos</u>	Type	<u>% Non-Asbestos Fibrous Material</u>	Type
None Detected	None Detected	None Detected	None Detected
			100

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

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Analytical Method EPA 600/R-93/116

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CERTIFICATE OF ANALYSIS

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	5400 Limestone Road	Report No.:	242125
	Wilmington DE 19808	Project:	3033 Glenwood Avenue
		Project No.:	9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4324329	Description / Location:	Black Floor Tile Mastic
Client No.:	2-8a		2nd Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	None Detected	None Detected
			100

Lab No.:	4324330	Description / Location:	Black Floor Tile Mastic
Client No.:	2-9a		2nd Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	None Detected	None Detected
			100

Lab No.:	4324331	Description / Location:	White/Tan Ceiling Tile; 2x1
Client No.:	2-10		2nd Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	98	Cellulose
			2

Lab No.:	4324332	Description / Location:	White/Tan Ceiling Tile; 2x1
Client No.:	2-11		2nd Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	98	Cellulose
			2

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

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Analytical Method EPA 600/R-93/116

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CERTIFICATE OF ANALYSIS

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5400 Limestone Road
Wilmington DE 19808

Report Date: 6/13/2011
Report No.: 242125
Project: 3033 Glenwood Avenue
Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324333 **Description / Location:** White/Tan Ceiling Tile; 2x1
Client No.: 2-12 2nd Floor

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	98	Cellulose	2

Lab No.: 4324334 **Description / Location:** White/Tan Ceiling Tile; 2x1
Client No.: 2-13 2nd Floor

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	98	Cellulose	2

Lab No.: 4324335 **Description / Location:** White/Tan Ceiling Tile; 2x1
Client No.: 2-14 2nd Floor

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	98	Cellulose	2

Lab No.: 4324336 **Description / Location:** White/Tan Ceiling Tile; 2x1
Client No.: 2-15 2nd Floor

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	98	Cellulose	2

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

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Analytical Method EPA 600/R-93/116

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5400 Limestone Road
Wilmington DE 19808

Report Date: 6/13/2011
Report No.: 242125
Project: 3033 Glenwood Avenue
Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324337	Description / Location: White/Tan Ceiling Tile; 2x1
Client No.: 2-16	2nd Floor
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
98	Cellulose
<u>% Non-Fibrous Material</u>	
	2

Lab No.: 4324338	Description / Location: White/Tan Ceiling Tile; 2x1
Client No.: 2-17	2nd Floor
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
98	Cellulose
<u>% Non-Fibrous Material</u>	
	2

Lab No.: 4324339	Description / Location: White/Tan Ceiling Tile; 2x1
Client No.: 2-18	2nd Floor
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
98	Cellulose
<u>% Non-Fibrous Material</u>	
	2

Lab No.: 4324340	Description / Location: Tan/White Sheetrock
Client No.: 2-19	2nd Floor
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
5	Cellulose
<u>% Non-Fibrous Material</u>	
	95

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

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Analytical Method EPA 600/R-93/116

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Date: 6/13/2011

CERTIFICATE OF ANALYSIS

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5400 Limestone Road

Wilmington DE 19808

Report Date: 6/13/2011

Report No.: 242125

Project: 3033 Glenwood Avenue

Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324341

Client No.: 2-20

Description / Location: Tan/White Sheetrock
2nd Floor

% Asbestos	Type	% Non-Asbestos Fibrous Material	Type	% Non-Fibrous Material
None Detected	None Detected	5	Cellulose	95

Lab No.: 4324342

Client No.: 2-21

Description / Location: Tan/White Sheetrock
2nd Floor

% Asbestos	Type	% Non-Asbestos Fibrous Material	Type	% Non-Fibrous Material
None Detected	None Detected	5	Cellulose	95

Lab No.: 4324343

Client No.: 2-22

Description / Location: Tan/White Sheetrock
2nd Floor

% Asbestos	Type	% Non-Asbestos Fibrous Material	Type	% Non-Fibrous Material
None Detected	None Detected	5	Cellulose	95

Lab No.: 4324344

Client No.: 2-23

Description / Location: Tan/White Sheetrock
2nd Floor

% Asbestos	Type	% Non-Asbestos Fibrous Material	Type	% Non-Fibrous Material
None Detected	None Detected	5	Cellulose	95

Accreditations:

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA-LAP, LLC No. 100188

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Analytical Method

EPA 600/R-93/116

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Date: 6/13/2011

CERTIFICATE OF ANALYSIS

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	Wilmington DE 19808	Project:	3033 Glenwood Avenue
		Project No.:	9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4324345	Description / Location:	Tan/White Sheetrock
Client No.:	2-24		2nd Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	5	Cellulose
			95

Lab No.:	4324346	Description / Location:	Tan/White Sheetrock
Client No.:	2-25		2nd Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	5	Cellulose
			95

Lab No.:	4324347	Description / Location:	Tan/White Sheetrock
Client No.:	2-26		2nd Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	5	Cellulose
			95

Lab No.:	4324348	Description / Location:	Tan/White Sheetrock
Client No.:	2-27		2nd Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	5	Cellulose
			95

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

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Analytical Method EPA 600/R-93/116

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		Project No.:	9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4324349	Description / Location:	Yellow/Tan Plaster
Client No.:	2-28		2nd Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	None Detected	None Detected
			100

Lab No.:	4324350	Description / Location:	Yellow/Tan Plaster
Client No.:	2-29		2nd Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	None Detected	None Detected
			100

Lab No.:	4324351	Description / Location:	Yellow/Lt. Tan Plaster
Client No.:	2-30		2nd Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	None Detected	None Detected
			100

Lab No.:	4324352	Description / Location:	White Plaster
Client No.:	2-31		2nd Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	None Detected	None Detected
			100

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

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Analytical Method EPA 600/R-93/116

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Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324353	Description / Location: White Plaster
Client No.: 2-32	2nd Floor
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
	<u>% Non-Fibrous Material</u>
	100

Lab No.: 4324353	Description / Location: Tan Plaster	Layer No.: 2
Client No.: 2-32	2nd Floor	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	
	<u>% Non-Asbestos Fibrous Material</u>	
	Trace	
	<u>Type</u>	
	Cellulose	100

Lab No.: 4324353	Description / Location: Tan/White Sheetrock	Layer No.: 3
Client No.: 2-32	2nd Floor	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	
	<u>% Non-Asbestos Fibrous Material</u>	
	5	
	<u>Type</u>	
	Cellulose	95

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

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Analytical Method EPA 600/R-93/116

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5400 Limestone Road
Wilmington DE 19808

Report Date: 6/13/2011
Report No.: 242125
Project: 3033 Glenwood Avenue
Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324354	Description / Location: White Plaster
Client No.: 2-33	2nd Floor
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
	<u>% Non-Fibrous Material</u>
	100

Lab No.: 4324354	Description / Location: Tan Plaster	Layer No.: 2
Client No.: 2-33	2nd Floor	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>
None Detected	None Detected	Trace
		<u>Type</u>
		Cellulose
		<u>% Non-Fibrous Material</u>
		100

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

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Date: 6/13/2011

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	Wilmington DE 19808	Project:	3033 Glenwood Avenue
		Project No.:	9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4324355	Description / Location:	White Plaster
Client No.:	2-34		2nd Floor
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	None Detected	None Detected
			100

Lab No.:	4324355	Description / Location:	Tan Plaster	Layer No.:	2
Client No.:	2-34		2nd Floor		
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>	
None Detected	None Detected	Trace	Cellulose	100	

Lab No.:	4324355	Description / Location:	Tan/White Sheetrock	Layer No.:	3
Client No.:	2-34		2nd Floor		
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>	
None Detected	None Detected	5	Cellulose	95	

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

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Analytical Method EPA 600/R-93/116

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Analysis Performed By: M. Mirza

Date: 6/13/2011

CERTIFICATE OF ANALYSIS

Client: Duffield Associates, Inc

5400 Limestone Road

Wilmington DE 19808

Report Date: 6/13/2011

Report No.: 242125

Project: 3033 Glenwood Avenue

Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324356	Description / Location: White Plaster
Client No.: 2-35	2nd Floor
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
	<u>% Non-Fibrous Material</u>
	100

Lab No.: 4324356	Description / Location: Tan Plaster	Layer No.: 2
Client No.: 2-35	2nd Floor	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	100
	<u>% Non-Asbestos Fibrous Material</u>	
	Trace	
	<u>Type</u>	
	Cellulose	

Lab No.: 4324357	Description / Location: White Plaster
Client No.: 2-36	2nd Floor
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
	<u>% Non-Fibrous Material</u>
	100

Lab No.: 4324357	Description / Location: Tan Plaster	Layer No.: 2
Client No.: 2-36	2nd Floor	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	100
	<u>% Non-Asbestos Fibrous Material</u>	
	Trace	
	<u>Type</u>	
	Cellulose	

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

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This report shall not be reproduced except in full, without written approval of the laboratory.

Analytical Method EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. Quantification at <0.25% by volume is possible with this method. (PC-Trace) represents this limit of quantitation. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix.

Analysis Performed By: M. Mirza

Date: 6/13/2011

CERTIFICATE OF ANALYSIS

Client: Duffield Associates, Inc

5400 Limestone Road

Wilmington DE 19808

Report Date: 6/13/2011

Report No.: 242125

Project: 3033 Glenwood Avenue

Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4324358	Description / Location:	Tan/Grey Duct Insulation		
Client No.:	2-37		2nd Floor		
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>	
None Detected	None Detected	5	Cellulose	None Detected	
		95	Mineral Wool		

Lab No.:	4324359	Description / Location:	Tan/Grey Duct Insulation		
Client No.:	2-38		2nd Floor		
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>	
None Detected	None Detected	5	Cellulose	None Detected	
		95	Mineral Wool		

Lab No.:	4324360	Description / Location:	Tan/Grey Duct Insulation		
Client No.:	2-39		2nd Floor		
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>	
None Detected	None Detected	5	Cellulose	None Detected	
		95	Mineral Wool		

Lab No.:	4324361	Description / Location:	Tan Window Glazing		
Client No.:	2-40		2nd Floor		
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>	
None Detected	None Detected	None Detected	None Detected	100	

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

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Analytical Method EPA 600/R-93/116

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Analysis Performed By: M. Mirza

Date: 6/13/2011

CERTIFICATE OF ANALYSIS

Client: Duffield Associates, Inc

5400 Limestone Road

Wilmington DE 19808

Report Date: 6/13/2011

Report No.: 242125

Project: 3033 Glenwood Avenue

Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324362

Client No.: 2-41

Description / Location: Off-White Window Glazing

2nd Floor

% AsbestosType% Non-Asbestos Fibrous MaterialType% Non-Fibrous Material

None Detected

None Detected

None Detected

None Detected

100

Lab No.: 4324363

Client No.: 2-42

Description / Location: Lt. Grey Window Glazing

2nd Floor

% AsbestosType% Non-Asbestos Fibrous MaterialType% Non-Fibrous Material

None Detected

None Detected

None Detected

None Detected

100

Lab No.: 4324364

Client No.: 2-43

Description / Location: White Plaster

2nd Floor

% AsbestosType% Non-Asbestos Fibrous MaterialType% Non-Fibrous Material

None Detected

None Detected

None Detected

None Detected

100

Accreditations:

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA-LAP, LLC No. 100188

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Analytical Method

EPA 600/R-93/116

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Analysis Performed By: M. Mirza

Date: 6/13/2011

CERTIFICATE OF ANALYSIS

Client: Duffield Associates, Inc
5400 Limestone Road
Wilmington DE 19808

Report Date: 6/13/2011
Report No.: 242125
Project: 3033 Glenwood Avenue
Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324365	Description / Location: White Plaster			
Client No.: 2-44	2nd Floor			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.: 4324365	Description / Location: Tan Plaster	Layer No.: 2		
Client No.: 2-44	2nd Floor			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.: 4324366	Description / Location: White Plaster			
Client No.: 2-45	2nd Floor			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.: 4324367	Description / Location: White Texture Plaster			
Client No.: 2-46	2nd Floor Exterior			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Accreditations: NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

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Analytical Method EPA 600/R-93/116

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Analysis Performed By: M. Mirza

Date: 6/13/2011

CERTIFICATE OF ANALYSIS

Client: Duffield Associates, Inc

5400 Limestone Road

Wilmington DE 19808

Report Date: 6/13/2011

Report No.: 242125

Project: 3033 Glenwood Avenue

Project No.: 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324368

Client No.: 2-47

Description / Location: White Texture Plaster

2nd Floor Exterior

% AsbestosType% Non-Asbestos Fibrous MaterialType% Non-Fibrous Material

None Detected

None Detected

None Detected

None Detected

100

Lab No.: 4324369

Client No.: 2-48

Description / Location: White Texture Plaster

2nd Floor Exterior

% AsbestosType% Non-Asbestos Fibrous MaterialType% Non-Fibrous Material

None Detected

None Detected

None Detected

None Detected

100

Lab No.: 4324370

Client No.: 2-49

Description / Location: Lt.Grey Window Glazing

2nd Floor Exterior

% AsbestosType% Non-Asbestos Fibrous MaterialType% Non-Fibrous Material

PC 2.7

Chrysotile

None Detected

None Detected

PC 97.3

Lab No.: 4324371

Client No.: 2-50

Description / Location: Lt.Grey Window Glazing

2nd Floor Exterior

% AsbestosType% Non-Asbestos Fibrous MaterialType% Non-Fibrous Material

PC 2.3

Chrysotile

None Detected

None Detected

PC 97.7

Accreditations: NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA-LAP, LLC No. 100188

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Analytical Method

EPA 600/R-93/116

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Analysis Performed By: M. Mirza

Date: 6/13/2011

CERTIFICATE OF ANALYSIS

Client: Duffield Associates, Inc

5400 Limestone Road

Wilmington DE 19808

Report Date: 6/13/2011**Report No.:** 242125**Project:** 3033 Glenwood Avenue**Project No.:** 9001.EA

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4324372**Client No.:** 2-51**Description / Location:** Lt.Grey Window Glazing

2nd Floor Exterior

% AsbestosType% Non-Asbestos Fibrous MaterialType% Non-Fibrous Material

PC 2.5

Chrysotile

None Detected

None Detected

PC 97.5

Lab No.: 4324373**Client No.:** 2-52**Description / Location:** White Paint/Texture Plaster

2nd Floor Exterior

% AsbestosType% Non-Asbestos Fibrous MaterialType% Non-Fibrous Material

None Detected

None Detected

None Detected

None Detected

100

Lab No.: 4324374**Client No.:** 2-53**Description / Location:** Red/White Paint/Texture Plaster

2nd Floor Exterior

% AsbestosType% Non-Asbestos Fibrous MaterialType% Non-Fibrous Material

None Detected

None Detected

None Detected

None Detected

100

Lab No.: 4324375**Client No.:** 2-54**Description / Location:** Brown/White Paint/Texture Plaster

2nd Floor Exterior

% AsbestosType% Non-Asbestos Fibrous MaterialType% Non-Fibrous Material

None Detected

None Detected

None Detected

None Detected

100

Accreditations:**NIST-NVLAP No. 101165-0****NY-DOH No. 11021****AIHA-LAP, LLC No. 100188***This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government**This report shall not be reproduced except in full, without written approval of the laboratory.***Analytical Method**

EPA 600/R-93/116

Comments:

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Analysis Performed By: M. Mirza**Date:** 6/13/2011

LETTER OF TRANSMITTAL

DUFFIELD ASSOCIATES, INC.

Consultants in the Geosciences

5400 Limestone Road

Wilmington, Delaware 19808

Phone: (302) 239-6634

Fax: (302) 239-8485

DATE: June 3, 2011

JOB NO.: 9001.EA

ATTN: Ray Sankey

RE: Asbestos & Paint Chip Samples

TO: IATL

9000 Commerce Parkway Suite B

Mt. Laurel, NJ 08054

WE ARE SENDING YOU:

☐ Concrete Reports

☐ Change Order

☒ Samples

☐ Prints

☐ Specification

☐ Copy of Letter

☐ Shop Drawing

☐ OTHER: _____

VIA: ☐ Regular Mail ☒ Overnight Delivery ☐ Hand Delivery ☐ Facsimile ☐ Pick Up

COPIES	DATE	NO.	DESCRIPTION
	06/2/11	102	Asbestos Samples, PLM, Standard TAT
		24	Paint Chip Samples, AAS
		1	Asbestos bag
		11	Asbestos Log Sheets – for immediate analysis
		3	Paint Chip Log Sheets

THESE ARE TRANSMITTED as checked:

☒ For your use

☐ For your approval

☐ As requested

☐ For review and comment

REMARKS:

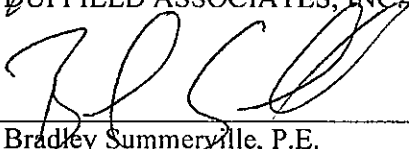
RECEIVED
JUN - 6 2011

IATL - By 

COPY TO: File

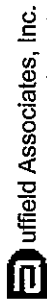
8165.EG

DUFFIELD ASSOCIATES, INC.


Bradley Summerville, P.E.
Environmental Engineer

2.2' 6/19/11

mm 6/13/11



Duffield Associates, Inc.

Bulk Asbestos Sample Log

Client:

PIDC

Project Name:

Glenwood

P.O. Number:

8165.EG

5400 Limestone Rd. Wilmington, DE 19808

(302) 239-6634 FAX: (302) 239-8485

Site Location: 3033 Glenwood Avenue

Date:

6/2/2011

Sampled by:

BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
1-1 4324265	5/8" Drywall	Ground Floor	Friable	TBD	PLM	Poor
1-2 4324266	5/8" Drywall	Ground Floor	Friable	TBD	PLM	Poor
1-3 4324267	5/8" Drywall	Ground Floor	Friable	TBD	PLM	Poor
1-4 4324268	9x9" Grey Floor Tile	Ground Floor	Non-Friable	TBD	PLM	Poor
1-5 4324269	9x9" Grey Floor Tile	Ground Floor	Non-Friable	TBD	PLM	Poor
1-6 4324270	9x9" Grey Floor Tile	Ground Floor	Non-Friable	TBD	PLM	Poor
1-4a 4324271	Beige Floor Tile Mastic	Ground Floor	Non-Friable	TBD	PLM	Poor
1-5a 4324272	Beige Floor Tile Mastic	Ground Floor	Non-Friable	TBD	PLM	Poor
1-6a 4324273	Beige Floor Tile Mastic	Ground Floor	Non-Friable	TBD	PLM	Poor
1-7 4324274	White/grey window glazing	Ground Floor	Friable	TBD	PLM	Poor
Legend: PI - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile WT - Wall Tile SC - Spray Cell SW - Spray Wall SB - Spray Beam DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor						

Notes:

1. n/a = not applicable
2. PLM = Polarized Light Microscopy
3. TBD = To Be Determined
1. Relinquished Brad Summerville

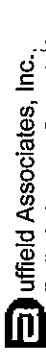
2. Received

Date **6/3/11**

Date

Time **9:00**

Time



Duffield Associates, Inc.,
Bulk Asbestos Sample Log
Client: PIDC
Project Name: Glenwood
P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808
(302) 239-6634 FAX: (302) 239-8485
Site Location: 3033 Glenwood Avenue
Date: 6/2/2011
Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
1-8 4324275	White/grey window glazing	Ground Floor	Friable	TBD	PLM	Poor
1-9 4324276	White/grey window glazing	Ground Floor	Friable	TBD	PLM	Poor
1-10 4324277	White Boiler Insulation	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-11 4324278	White Boiler Insulation	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-12 4324279	White Boiler Insulation	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-13 4324280	White Pipe Insulation	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-14 4324281	White Pipe Insulation	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-15 4324282	White Pipe Insulation	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-16 4324283	Brown Boiler Insulation	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-17 4324284	Brown Boiler Insulation	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
* Pl - Pipe Insulation WT - Wall Tile PE - Pipe Elbow SC - Spray Cell PT - Pipe Tee SW - Spray Wall FT - Floor Tile SB - Spray Beam						
			CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation	TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic	AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor	

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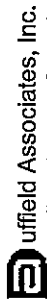
2. Received

Date 6/3/11

Date

Time 900

Time



Duffield Associates, Inc.

Bulk Asbestos Sample Log

Client: PLDC

Project Name: Glenwood

P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808

(302) 239-6634 FAX: (302) 239-8485

Site Location: 3033 Glenwood Avenue

Date: 6/2/2011

Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
1-18	Brown Boiler Insulation 4324285	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-19	White Pipe Insulation 4324286	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-20	White Pipe Insulation 4324287	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-21	White Pipe Insulation 4324288	Ground Floor, Boiler Room	Friable	TBD	PLM	Poor
1-22	Water Heater Insulation, Yellow 4324289	Ground Floor	Friable	TBD	PLM	Poor
1-23	Water Heater Insulation, Yellow 4324290	Ground Floor	Friable	TBD	PLM	Poor
1-24	Water Heater Insulation, Yellow 4324291	Ground Floor	Friable	TBD	PLM	Poor
1-25	White Pipe Wrap Insulation 4324292	Ground Floor	Friable	TBD	PLM	Poor
1-26	White Pipe Wrap Insulation 4324293	Ground Floor	Friable	TBD	PLM	Poor
1-27	White Pipe Wrap Insulation 4324294	Ground Floor	Friable	TBD	PLM	Poor
*	Pl - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile WT - Wall Tile SC - Spray Cell SW - Spray Wall SB - Spray Beam	DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster	CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation	TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic	AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor	

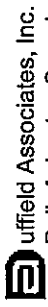
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1. Relinquished Brad Summerville

2. Received

Date **6/3/11**

Time **9:00**



Duffield Associates, Inc.

Bulk Asbestos Sample Log

Client: PIDC

Project Name: Glenwood

P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808
(302) 239-6634
FAX: (302) 239-8485

Site Location:
3033 Glenwood Avenue

Date: 6/2/2011

Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
1-28 4324295	Brown Mastic	Ground Floor	Non-Friable	TBD	PLM	Poor
1-29 4324296	Brown Mastic	Ground Floor	Non-Friable	TBD	PLM	Poor
1-30 4324297	Brown Mastic	Ground Floor	Non-Friable	TBD	PLM	Poor
1-31 4324298	White Duct Insulation	Ground Floor	Friable	TBD	PLM	Poor
1-32 4324299	White Duct Insulation	Ground Floor	Friable	TBD	PLM	Poor
1-33 4324300	White Duct Insulation	Ground Floor	Friable	TBD	PLM	Poor
1-34 4324301	White Pipe Wrap Insulation	Ground Floor	Friable	TBD	PLM	Poor
1-35 4324302	White Pipe Wrap Insulation	Ground Floor	Friable	TBD	PLM	Poor
1-36 4324303	White Pipe Wrap Insulation	Ground Floor	Friable	TBD	PLM	Poor
1-37 4324304	5/8" Drywall	Ground Floor	Friable	TBD	PLM	Poor
	WT - Wall Tile SC - Spray Cell SW - Spray Wall SB - Spray Beam PI - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile	DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster	CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation	TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic	AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor	

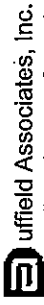
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3. TBD = To Be Determined
1. Relinquished Brad Summerville

2. Received

Date 6/3/11

Time 9:00



Duffield Associates, Inc.
Bulk Asbestos Sample Log
Client: PIDC
Project Name: Glenwood
P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808
(302) 239-6634 FAX: (302) 239-8485
Site Location: 3033 Glenwood Avenue
Date: 6/2/2011
Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
1-38 4324305	Drywall	Ground Floor	Friable	TBD	PLM	Poor
1-39 4324306	Drywall	Ground Floor	Friable	TBD	PLM	Poor
1-40 4324307	Gray Window Glazing	Ground Floor	Friable	TBD	PLM	Poor
1-41 4324308	Gray Window Glazing	Ground Floor	Friable	TBD	PLM	Poor
1-42 4324309	Gray Window Glazing	Ground Floor	Friable	TBD	PLM	Poor
1-43 4324310	Orange Equipment Insulation	Ground Floor	Friable	TBD	PLM	Poor
1-44 4324311	Brown/Orange Equipment Insulation	Ground Floor	Friable	TBD	PLM	Poor
1-45 4324312	Orange Equipment Insulation	Ground Floor	Friable	TBD	PLM	Poor
* PI - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile WT - Wall Tile SC - Spray Cell SW - Spray Wall SB - Spray Beam DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor						

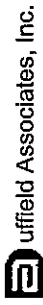
Notes:

1. n/a = not applicable
2. PLM = Polarized Light Microscopy
3. TBD = To Be Determined
1. Relinquished Brad Summerville

2. Received

Date 6/3/11

Time 9:00



Duffield Associates, Inc.
Bulk Asbestos Sample Log
Client: PIDC
Project Name: Glenwood
P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808
(302) 239-6634 FAX: (302) 239-8485
Site Location: 3033 Glenwood Avenue
Date: 6/2/2011
Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
2-1 4324313	9x9" Grey Floor Tile	2nd Floor	Non-Friable	TBD	PLM	Poor
2-2 4324314	9x9" Grey Floor Tile	2nd Floor	Non-Friable	TBD	PLM	Poor
2-3 4324315	9x9" Grey Floor Tile	2nd Floor	Non-Friable	TBD	PLM	Poor
2-4 4324316	9x9" Grey Floor Tile	2nd Floor	Non-Friable	TBD	PLM	Poor
2-5 4324317	9x9" Grey Floor Tile	2nd Floor	Non-Friable	TBD	PLM	Poor
2-6 4324318	9x9" Grey Floor Tile	2nd Floor	Non-Friable	TBD	PLM	Poor
2-7 4324319	9x9" Grey Floor Tile	2nd Floor	Non-Friable	TBD	PLM	Poor
2-8 4324320	9x9" Grey Floor Tile	2nd Floor	Non-Friable	TBD	PLM	Poor
2-9 4324321	9x9" Grey Floor Tile	2nd Floor	Non-Friable	TBD	PLM	Poor
2-1a 4324322	Black Floor Tile Mastic	2nd Floor	Non-Friable	TBD	PLM	Poor
* PI - Pipe Insulation WT - Wall Tile DW - Dry Wall CT - Ceiling Tile TB - Transit Board AS - Asphaltic Shingle PE - Pipe Elbow SC - Spray Cell CP - Ceiling Plaster BI - Boiler Insulation JC - Joint Compound RF - Roofing tar PT - Pipe Tee SW - Spray Wall WP - Wall Plaster DI - Duct Insulation W - Wipe sample TP - Tar Paper FT - Floor Tile SB - Spray Beam FP - Floor Plaster TI - Tank Insulation M - Mastic Sh - Sheeting on floor						

Notes:

1. n/a = not applicable
2. PLM = Polarized Light Microscopy
3. TBD = To Be Determined
1. Relinquished Brad Summerville

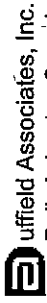
2. Received

Date 6/3/11

Date

Time 9:00

Time



Duffield Associates, Inc.

Bulk Asbestos Sample Log

Client:

PIDC

Project Name:

Glenwood

P.O. Number:

8165.EG

5400 Limestone Rd. Wilmington, DE 19808

(302) 239-6634 FAX: (302) 239-8485

Site Location: 3033 Glenwood Avenue

Date:

6/2/2011

Sampled by:

BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
2-2a	Black Floor Tile Mastic	2nd Floor	Non-Friable	TBD	PLM	Poor
2-3a	Black Floor Tile Mastic	2nd Floor	Non-Friable	TBD	PLM	Poor
2-4a	Black Floor Tile Mastic	2nd Floor	Non-Friable	TBD	PLM	Poor
2-5a	Black Floor Tile Mastic	2nd Floor	Non-Friable	TBD	PLM	Poor
2-6a	Black Floor Tile Mastic	2nd Floor	Non-Friable	TBD	PLM	Poor
2-7a	Black Floor Tile Mastic	2nd Floor	Non-Friable	TBD	PLM	Poor
2-8a	Black Floor Tile Mastic	2nd Floor	Non-Friable	TBD	PLM	Poor
2-9a	Black Floor Tile Mastic	2nd Floor	Non-Friable	TBD	PLM	Poor
2-10	Acoustic Ceiling Tile	2nd Floor	Friable	TBD	PLM	Poor
2-11	Acoustic Ceiling Tile	2nd Floor	Friable	TBD	PLM	Poor
* PL - Pipe Insulation WT - Wall Tile PE - Pipe Elbow SC - Spray Cell PT - Pipe Tee SW - Spray Wall FT - Floor Tile SB - Spray Beam						
CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation TB - Transit Board JC - Joint Compound W - Wipe sample M - Mastic AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor						

Notes:

1. n/a = not applicable
2. PLM = Polarized Light Microscopy
3. TBD = To Be Determined
1. Relinquished Brad Summerville

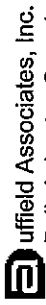
2. Received

Date

6/2/11

Time

5:00



Duffield Associates, Inc.

Bulk Asbestos Sample Log

Client: PIDC

Project Name: Glenwood

P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808

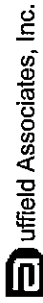
(302) 239-6634 FAX: (302) 239-8485

Site Location: 3033 Glenwood Avenue

Date: 6/2/2011

Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition								
2-12 4324333	2x1' Accoustic Ceiling Tile	2nd Floor	Friable	TBD	PLM	Poor								
2-13 4324334	2x1' Accoustic Ceiling Tile	2nd Floor	Friable	TBD	PLM	Poor								
2-14 4324335	2x1' Accoustic Ceiling Tile	2nd Floor	Friable	TBD	PLM	Poor								
2-15 4324336	2x1' Accoustic Ceiling Tile	2nd Floor	Friable	TBD	PLM	Poor								
2-16 4324337	2x1' Accoustic Ceiling Tile	2nd Floor	Friable	TBD	PLM	Poor								
2-17 4324338	2x1' Accoustic Ceiling Tile	2nd Floor	Friable	TBD	PLM	Poor								
2-18 4324339	2x1' Accoustic Ceiling Tile	2nd Floor	Friable	TBD	PLM	Poor								
2-19 4324340	5/8" Drywall	2nd Floor	Friable	TBD	PLM	Poor								
2-20 4324341	5/8" Drywall	2nd Floor	Friable	TBD	PLM	Poor								
2-21 4324342	5/8" Drywall	2nd Floor	Friable	TBD	PLM	Poor								
<div>Notes: 1. n/a = not applicable 2. PLM = Polarized Light Microscopy 3. TBD = To Be Determined 1. Relinquished Brad Summerville</div> <table><tr><td>Date</td><td>6/3/11</td><td>2. Received</td><td>Date</td></tr><tr><td>Time</td><td>9:06</td><td></td><td>Time</td></tr></table>							Date	6/3/11	2. Received	Date	Time	9:06		Time
Date	6/3/11	2. Received	Date											
Time	9:06		Time											
	Pl - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile	WT - Wall Tile SC - Spray Cell SW - Spray Wall SB - Spray Beam	DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster	CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation	TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic	AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor								



Duffield Associates, Inc.

Bulk Asbestos Sample Log

Client: PIDC

Project Name: Glenwood

P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808

(302) 239-6634 FAX: (302) 239-8485

Site Location: 3033 Glenwood Avenue

Date: 6/2/2011

Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
2-22 4324343	5/8" Drywall	2nd Floor	Friable	TBD	PLM	Poor
2-23 4324344	5/8" Drywall	2nd Floor	Friable	TBD	PLM	Poor
2-24 4324345	5/8" Drywall	2nd Floor	Friable	TBD	PLM	Poor
2-25 4324346	5/8" Drywall	2nd Floor	Friable	TBD	PLM	Poor
2-26 4324347	5/8" Drywall	2nd Floor	Friable	TBD	PLM	Poor
2-27 4324348	5/8" Drywall	2nd Floor	Friable	TBD	PLM	Poor
2-28 4324349	Yellow Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-29 4324350	Yellow Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-30 4324351	Yellow Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-31 4324352	White Plaster	2nd Floor	Friable	TBD	PLM	Poor
* PI - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile WT - Wall Tile SC - Spray Cell SW - Spray Wall SB - Spray Beam DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor						

Notes:

1. n/a = not applicable
2. PLM = Polarized Light Microscopy
3. TBD = To Be Determined
1. Relinquished Brad Summerville

2. Received

Date 6/3/11

Time 9:05



Duffield Associates, Inc.
Bulk Asbestos Sample Log
Client: PIDC
Project Name: Glenwood
P.O. Number: 8165:EG

5400 Limestone Rd. Wilmington, DE 19808
(302) 239-6634 FAX: (302) 239-8485
Site Location: 3033 Glenwood Avenue
Date: 6/2/2011
Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
2-32 4324353	White Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-33 4324354	White Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-34 4324355	White Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-35 4324356	White Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-36 4324357	White Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-37 4324358	Black Duct Insulation	2nd Floor	Friable	TBD	PLM	Poor
2-38 4324359	Black Duct Insulation	2nd Floor	Friable	TBD	PLM	Poor
2-39 4324360	Black Duct Insulation	2nd Floor	Friable	TBD	PLM	Poor
2-40 4324361	Grey Window Glazing	2nd Floor	Friable	TBD	PLM	Poor
2-41 4324362	Grey Window Glazing	2nd Floor	Friable	TBD	PLM	Poor
*	PI - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile	DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster	CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation	TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic	AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor	

Notes:

- n/a = not applicable
- PLM = Polarized Light Microscopy
- TBD = To Be Determined
- Relinquished Brad Summerville

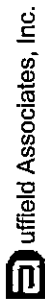
2. Received

Date 6/3/11

Date

Time 900

Time



Duffield Associates, Inc.
Bulk Asbestos Sample Log
Client: PIDC
Project Name: Glenwood
P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808
(302) 239-6634 FAX: (302) 239-8485
Site Location: 3033 Glenwood Avenue
Date: 6/2/2011
Sampled by: BJS

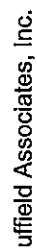
Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
2-42 4324363	Grey Window Glazing	2nd Floor	Friable	TBD	PLM	Poor
2-43 4324364	White Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-44 4324365	White Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-45 4324366	White Plaster	2nd Floor	Friable	TBD	PLM	Poor
2-46 4324367	White Spackle	2nd Floor Exterior	Friable	TBD	PLM	Poor
2-47 4324368	White Spackle	2nd Floor Exterior	Friable	TBD	PLM	Poor
2-48 4324369	White Spackle	2nd Floor Exterior	Friable	TBD	PLM	Poor
2-49 4324370	Grey Window Glazing	2nd Floor Exterior	Friable	TBD	PLM	Poor
2-50 4324371	Grey Window Glazing	2nd Floor Exterior	Friable	TBD	PLM	Poor
2-51 4324372	Grey Window Glazing	2nd Floor Exterior	Friable	TBD	PLM	Poor
Legend: WT - Wall Tile, SC - Spray Cell, SW - Spray Wall, SB - Spray Beam, PE - Pipe Elbow, PT - Pipe Tee, FT - Floor Tile, DW - Dry Wall, CP - Ceiling Plaster, WP - Wall Plaster, FP - Floor Plaster, CT - Ceiling Tile, BI - Boiler Insulation, DI - Duct Insulation, TI - Tank Insulation, TB - Transite Board, JC - Joint Compound, W - Wipe sample, M - Mastic, AS - Asphaltic Shingle, RF - Roofing tar, TP - Tar Paper, Sh - Sheeting on floor						

Notes:

1. n/a = not applicable
2. PLM = Polarized Light Microscopy
3. TBD = To Be Determined
1. Relinquished Brad Summerville

2. Received

Date: 6/3/11
Time: 9:00



uffield Associates, Inc.
Bulk Asbestos Sample Log
Client: PIDC
Project Name: Glenwood
P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808
FAX: (302) 239-8485
Site Location: 3033 Glenwood Avenue
Date: 6/2/2011
Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
2-52 4324373	Gray Caulking	2nd Floor, Exterior	Friable	TBD	PLM	Poor
2-53 4324374	Gray Caulking	2nd Floor, Exterior	Friable	TBD	PLM	Poor
2-54 4324375	Gray Caulking	2nd Floor, Exterior	Friable	TBD	PLM	Poor
*	PI - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile	WT - Wall Tile SC - Spray Cell SW - Spray Wall SB - Sprav Beam	DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster	CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation	TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic	AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor

Notes:

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3. TBD = To Be Determined
1. Relinquished Brad Summerville

2. Received

Date	6/3/11
Time	08:05

ATTACHMENT D

ASBESTOS INSPECTION REPORT



City of Philadelphia - Department of Public Health
Public Health Services - Air Management Services
Asbestos Control Unit - 321 University Av., 19104

Office Use Only

Date Received L&I:

Date Received AMS:

Date Inspected:

Inspector #

Asbestos Inspection Report

Name of Building: 3033 West Glenwood Avenue Address: 3033 West Glenwood Ave. Phone #: None

Name of Building Owner: City of Philadelphia Address: 1515 Arch Street, 11th Floor Phone #: 215 686 4524

Name of Licensed Investigator: Brad Summerville License #: 0571 Phone #: 302 239 6634

Name of Certified Lab: International Asbestos Testing Laboratories License #: 3625-000063 Phone #: 856 231 9449

Scope of Work: (include all locations) Sampled materials included ground floor and second floor; 9x9 inch floor tiles and mastic, acoustic ceiling tiles, dry wall, plaster, T&I, and caulking. Roof materials and flue packing were not sampled but assumed ACM

☐ Could not complete the inspection because the building or a portion of has been declared imminently dangerous (ID) and in danger of collapse.
INVESTIGATOR MUST BE ON SITE DURING DEMOLITION!

Is Asbestos Containing Material Present? ☒ Yes (List Below) ☐ No

List Asbestos Containing Material (ACM) located in the planned renovation/demolition area(s). Damaged ACM must be listed and then repaired or removed prior to renovation. You (Investigator) must label all ACM that may be left in the work area. Page 1 of

Location	Description	Type (Code 1)	Amount		Condition (Code 2)	Action (Code 3)
			Square	Linear		
<u>Central & Southern 2nd Floor</u>	<u>9x9 Floor tile</u>	<u>NFI</u>	<u>≈ 12,000</u>		<u>DD</u>	<u>REM</u>
<u>Ground floor offices</u>	<u>9x9 Floor tile</u>	<u>NFI</u>	<u>≈ 600</u>		<u>DD</u>	<u>REM</u>
<u>Boiler Room</u>	<u>Boiler insulation</u>	<u>FRI</u>		<u>≈ 10</u>	<u>DD</u>	<u>REM</u>
<u>Ground Floor</u>	<u>Pipe insulation</u>	<u>FRI</u>		<u>≈ 300</u>	<u>DD</u>	<u>REM</u>
<u>Ground Floor</u>	<u>Pipe wrap</u>	<u>FRI</u>		<u>≈ 1130</u>	<u>DD</u>	<u>REM</u>
<u>Ground Floor central 2nd floor</u>	<u>Duct insulation</u>	<u>FRI</u>		<u>≈ 300</u>	<u>DD</u>	<u>REM</u>
<u>Exterior Windows</u>	<u>Caulking</u>	<u>NFI</u>	<u>≈ 350</u>		<u>DD</u>	<u>REM</u>
<u>Roof (assumed ACM)</u>	<u>Roofing material</u>	<u>NFI</u>	<u>≈ 35,400</u>		<u>DD</u>	<u>REM</u>
<u>Ground Floor (assumed ACM)</u>	<u>Flue packing</u>	<u>FRI</u>	<u>≈ 5 (cubic feet)</u>		<u>ND</u>	<u>REM</u>

Code 1
FRI - Friable
NFI - Non-Friable, Cat. 1
NF2 - Non-Friable, Cat. 2

Code 2
DD - Deteriorated or
Delaminated
ND - Non-Damaged

Code 3
REM - Removal necessary prior to Demo/Reno
NRN - No removal necessary, label ACM
REP - Repair & Label ACM, removal not necessary

I hereby certify that the foregoing statements are true and the information contained in this report is true. This certification is made subject to the penalties set forth in 18 PA. C.S. §4904 relating to unsworn falsification to authorities. Furthermore I certify that the inspection, sampling, and labeling requirements of section X of the Asbestos Control Regulation (ACR) have been met. The building owner has been notified of the ACR requirements and given a copy of this report. If the inspection has revealed ACM which will be disturbed by the proposed work or if it has revealed ACM in bad condition, the building owner has been notified to remove or repair the ACM in accordance with the ACR prior to renovation or demolition activity.

Signature of Licensed Asbestos Investigator:

Date:

6/29/11

Signature of Building Owner:

Date:

APPENDIX K

LEAD-BASED PAINT SCREENING

LEAD-BASED PAINT SCREENING

3033 Glenwood Avenue
Philadelphia, Pennsylvania

I. INTRODUCTION

Duffield Associates, Inc. (Duffield Associates) completed a lead-based paint (LBP) screening of the building located at 3033 Glenwood Avenue (the "Property"), in Philadelphia, Pennsylvania. The intent of the LBP screening was to confirm or refute the presence of lead in peeling paint systems on the building for the purpose of providing recommendations for construction worker safety during demolition and disposal requirements of construction debris. This screening was performed in accordance with our proposal, dated May 11, 2011.

II. BUILDING OBSERVATIONS

The building on the Property was reviewed visually, both internally and externally, on June 2, 2011, by Duffield Associates' representative. The two-story building was constructed of concrete and masonry. The building footprint was approximately 35,400 square feet. Peeling and chipping paint systems were observed throughout the building on interior walls and columns, as well as exterior walls. Only deteriorated (peeling) paint systems were sampled and analyzed.

III. LEAD-BASED PAINT EVALUATION

Twenty four (24) paint chip samples were collected and submitted to International Asbestos Testing Laboratories, Inc. (IATL) for Atomic Absorption Spectrophotometry (AAS) analysis. Copies of Duffield Associates' sample collection field sheets are provided as Attachment A. AAS is a laboratory procedure that can be used to determine metal content (i.e., lead). The EPA defines LBP as 0.5% or greater lead content by weight. IATL's lead paint sample analysis summary is included as Attachment B.

Laboratory analytical results indicate that eight (8) of the paint systems sampled exhibited greater than 0.5% lead by weight. Table 1 shows the lead content of each paint system analyzed.

IV. CONCLUSIONS AND RECOMMENDATIONS

LBP was detected on painted surfaces of the building at the Property. Prior to renovations to building systems coated with LBP, contractors should be made aware of the presence of lead and follow applicable Federal Occupational Safety and Health Administrations (OSHA) regulations. Should the building be used for childcare, abatement of the lead-paint coated surface may be required.

WORD\8165EG.0711-LEAD.RPT

TABLE

Table 1
 Summary of Lead in Paint Testing Results - Paint Chip Sampling
 3033 West Glenwood Avenue
 Philadelphia, Pennsylvania

Sample Id	Lab Id	Sample Description	Location	Lead by Weight (%)
1-P1	4322279	Light Green	Ground Floor	0.078
1-P2	4322280	Dark Green	Ground Floor	12
1-P3	4322281	Medium Green	Ground Floor	1.5
1-P4	4322282	White	Ground Floor	6.9
1-P5	4322283	Light Green	Ground Floor	0.072
1-P6	4322284	White	Ground Floor	0.12
1-P7	4322285	Dark Green	Ground Floor	1.8
1-P8	4322286	Light Green	Ground Floor	0.089
1-P9	4322287	Dark Green	Ground Floor	0.081
1-P10	4322288	Red	Ground Floor	Void ¹
2-P1	4322289	Light Blue	2nd Story	0.0093
2-P2	4322290	Dark Blue	2nd Story	0.2
2-P3	4322291	Light Green	2nd Story	0.27
2-P4	4322292	Light Green	2nd Story	0.51
2-P5	4322293	Light Green	2nd Story	0.075
2-P6	4322294	Light Green	2nd Story	0.079
2-P7	4322295	Light Green	2nd Story	0.095
2-P8	4322296	Light Blue	2nd Story	0.074
2-P9	4322297	Dark Green	2nd Story	0.017
2-P10	4322298	Dark Blue	2nd Story	0.62
2-P11	4322299	White	2nd Story	0.064
2-P12	4322300	Black	2nd Story	2.4
2-P13	4322301	Brown	2nd Story - Exterior	2.2
2-P14	4322302	White	2nd Story - Exterior	0.048

Notes:

Bold = Lead-Based Paint

¹ = Insufficient sample provided for analysis

The United States Environmental Protection Agency defines lead-based paint as 0.5% or greater lead content by weight.

This table is part of Duffield Associates' Lead-Based Paint Screening Report for 3033 West Glenwood Avenue Property, dated July 2011 and should only be used in that context.

ATTACHMENT A

FIELD SAMPLING SHEETS



Duffield Associates, Inc.
Bulk Asbestos Sample Log
Client: PIDC
Project Name: Glenwood
P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808
(302) 239-6634 FAX: (302) 239-8485
Site Location: 3033 Glenwood Avenue
Date: 6/2/2011
Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
1-P1	Light Green Paint	Ground Floor	n/a	TBD	AAS	Poor
1-P2	Dark Green Paint	Ground Floor	n/a	TBD	AAS	Poor
1-P3	Green Paint	Ground Floor	n/a	TBD	AAS	Poor
1-P4	White Paint	Ground Floor	n/a	TBD	AAS	Poor
1-P5	Light Green Paint	Ground Floor	n/a	TBD	AAS	Poor
1-P6	White Paint	Ground Floor	n/a	TBD	AAS	Poor
1-P7	Dark Green Paint	Ground Floor	n/a	TBD	AAS	Poor
1-P8	Light Green Paint	Ground Floor	n/a	TBD	AAS	Poor
1-P9	Dark Green Paint	Ground Floor	n/a	TBD	AAS	Poor
1-P10	Red Paint	Ground Floor	n/a	TBD	AAS	Poor
*	PI - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile WT - Wall Tile SC - Spray Cell SW - Spray Wall SB - Spray Beam	DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation	TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic	AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheetting on floor		

Notes:

1. n/a = not applicable
2. AAS = Atomic Absorption Spectrophotometry
3. TBD = To Be Determined
1. Relinquished Brad Summerville

2. Received

Date 6/3/11
Time 9:00



Duffield Associates, Inc.
Bulk Asbestos Sample Log
Client: PIDC
Project Name: Glenwood
P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808
(302) 239-6634 FAX: (302) 239-8485
Site Location: 3033 Glenwood Avenue
Date: 6/2/2011
Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantify (square feet)	Analyze	Condition
2-P1	Light Blue Paint	2nd Floor	n/a	TBD	AAS	Poor
2-P2	Dark Blue Paint	2nd Floor	n/a	TBD	AAS	Poor
2-P3	Light Green Paint	2nd Floor	n/a	TBD	AAS	Poor
2-P4	Light Green Paint	2nd Floor	n/a	TBD	AAS	Poor
2-P5	Light Green Paint	2nd Floor	n/a	TBD	AAS	Poor
2-P6	Light Green Paint	2nd Floor	n/a	TBD	AAS	Poor
2-P7	Light Green Paint	2nd Floor	n/a	TBD	AAS	Poor
2-P8	Light Blue Paint	2nd Floor	n/a	TBD	AAS	Poor
2-P9	Dark Green Paint	2nd Floor	n/a	TBD	AAS	Poor
2-P10	Dark Blue Paint	2nd Floor	n/a	TBD	AAS	Poor
*	PI - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile WT - Wall Tile SC - Spray Cell SW - Spray Wall SB - Spray Beam DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation TB - Transit Board JC - Joint Compound W - Wipe sample M - Mastic AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor					

Notes:

1. n/a = not applicable
2. AAS = Atomic Absorption Spectrophotometry
3. TBD = To Be Determined
1. Relinquished Brad Summerville

2. Received

Date 6/3/11

Date

Time 4:00

Time

Duffield Associates, Inc.
 Bulk Asbestos Sample Log
 Client: PIDC
 Project Name: Glenwood
 P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808
 (302) 239-6634 FAX: (302) 239-8485
 Site Location: 3033 Glenwood Avenue
 Date: 6/2/2011
 Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
2-P11	White Paint	2nd Floor	n/a	TBD	AAS	Poor
2-P12	Black Paint	2nd Floor	n/a	TBD	AAS	Poor
2-P13	Brown Paint	2nd Floor, Exterior	n/a	TBD	AAS	Poor
2-P14	White Paint	2nd Floor, Exterior	n/a	TBD	AAS	Poor
* PI - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile WT - Wall Tile SC - Spray Cell SW - Spray Wall SB - Spray Beam DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheetting on floor						

Notes:

1. n/a = not applicable
2. AAS = Atomic Absorption Spectrophotometry
3. TBD = To Be Determined
1. Relinquished Brad Summerville

2. Received
 Date 6/8/11
 Time 9:00

ATTACHMENT B

INTERNATIONAL ASBESTOS TESTING LABORATORY (IATL) RESULTS FOR LEAD PAINT

CERTIFICATE OF ANALYSIS

Client: Duffield Associates, Inc
5400 Limestone Road
Wilmington DE 19808

Report Date: 6/13/2011
Report Number: 242108
Project: 3033 Glenwood Ave; 6/2/11
Project No.: 9001.EA

LEAD PAINT SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Location / Description</u>	<u>Concentration Lead By Weight (%)</u>
4322279	1-P1	Lt. Green Paint Ground Floor	0.078
4322280	1-P2	Dk. Green Paint Ground Floor	12
4322281	1-P3	Green Paint Ground Floor	1.5
4322282	1-P4	White Paint Ground Floor	6.9***
4322283	1-P5	Lt. Green Paint Ground Floor	0.072
4322284	1-P6	White Paint Ground Floor	0.12
4322285	1-P7	Dk. Green Paint Ground Floor	1.8
4322286	1-P8	Lt. Green Paint Ground Floor	0.089
4322287	1-P9	Dk. Green Paint Ground Floor	0.081
4322288	1-P10	Red Paint Ground Floor	Void**

Accreditations:**NATIONAL LEAD LABORATORY ACCREDITATION PROGRAM (NLLAP)**

AIHA-LAP, LLC No. 100188

NYSDOH-ELAP No. 11021

Analytical Methods: ASTM D3335-85A "Standard Method To Test For Low Concentrations Of Lead In Paint By Atomic Absorption Spectrophotometry"
EPA SW846-(3050B:7000B) "Standard Method To Test For Low Concentrations Of Lead In Soils, Sludges and Sediments By AAS"

Comments: Regulatory limit is 0.5% lead by weight (EPA/HUD guidelines). Recommend multiple sampling for all samples less than regulatory limit for confirmation. All results are based on the samples as received at the lab. IATL assumes that appropriate sampling methods have been used and the data upon which these results are based have been accurately supplied by the client. Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Appendix B. Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies. LSD=0.2 ppm MDL=0.0024% by weight. RL= 0.010% by weight (based upon 100 mg sampled). * Insufficient sample provided to perform QC reanalysis (<200 mg) ** Not enough sample provided to analyze (<50 mg) *** Matrix / substrate interference possible. Sample results are not corrected for contamination by field or analytical blanks. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any government agency. This report shall not be reproduced except in full, without written approval of the laboratory.

Date Received: 6/6/2011**Date Analyzed:** 6/13/2011**Analyst:** C. Shaffer**Approved By:**Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Duffield Associates, Inc
5400 Limestone Road
Wilmington DE 19808

Report Date: 6/13/2011
Report Number: 242108
Project: 3033 Glenwood Ave; 6/2/11
Project No.: 9001.EA

LEAD PAINT SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Location / Description</u>	<u>Concentration Lead By Weight (%)</u>
4322289	2-P1	Lt. Blue Paint 2nd Floor	0.0093
4322290	2-P2	Dk. Blue Paint 2nd Floor	0.20
4322291	2-P3	Lt. Green Paint 2nd Floor	0.27*
4322292	2-P4	Lt. Green Paint 2nd Floor	0.51
4322293	2-P5	Lt. Green Paint 2nd Floor	0.075*,***
4322294	2-P6	Lt. Green Paint 2nd Floor	0.079
4322295	2-P7	Lt. Green Paint 2nd Floor	0.095***
4322296	2-P8	Lt. Blue Paint 2nd Floor	0.074
4322297	2-P9	Dk. Green Paint 2nd Floor	0.017
4322298	2-P10	Dk. Blue Paint 2nd Floor	0.62

Accreditations:

NATIONAL LEAD LABORATORY ACCREDITATION PROGRAM (NLLAP)
AIHA-LAP, LLC No. 100188 NYSDOH-ELAP No. 11021

Analytical Methods: ASTM D3335-85A "Standard Method To Test For Low Concentrations Of Lead In Paint By Atomic Absorption Spectrophotometry"
EPA SW846-(3050B:7000B) "Standard Method To Test For Low Concentrations Of Lead In Soils, Sludges and Sediments By AAS"

Comments: Regulatory limit is 0.5% lead by weight (EPA/HUD guidelines). Recommend multiple sampling for all samples less than regulatory limit for confirmation. All results are based on the samples as received at the lab. IATL assumes that appropriate sampling methods have been used and the data upon which these results are based have been accurately supplied by the client. Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Appendix B. Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies. LSD=0.2 ppm MDL=0.0024% by weight. RL= 0.010% by weight (based upon 100 mg sampled). * Insufficient sample provided to perform QC reanalysis (<200 mg) ** Not enough sample provided to analyze (<50 mg) *** Matrix / substrate interference possible. Sample results are not corrected for contamination by field or analytical blanks. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any government agency. This report shall not be reproduced except in full, without written approval of the laboratory.

Date Received: 6/6/2011
Date Analyzed: 6/13/2011
Analyst: C. Shaffer

CERTIFICATE OF ANALYSIS

Client: Duffield Associates, Inc
5400 Limestone Road
Wilmington DE 19808

Report Date: 6/13/2011
Report Number: 242108
Project: 3033 Glenwood Ave; 6/2/11
Project No.: 9001.EA

LEAD PAINT SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Location / Description</u>	<u>Concentration Lead By Weight (%)</u>
4322299	2-P11	White Paint 2nd Floor	0.064
4322300	2-P12	Black Paint 2nd Floor	2.4***
4322301	2-P13	Brown Paint 2nd Floor, Exterior	2.2***
4322302	2-P14	White Paint 2nd Floor, Exterior	0.048***

Accreditations:**NATIONAL LEAD LABORATORY ACCREDITATION PROGRAM (NLLAP)**

AIHA-LAP, LLC No. 100188

NYSDOH-ELAP No. 11021

Analytical Methods: ASTM D3335-85A "Standard Method To Test For Low Concentrations Of Lead In Paint By Atomic Absorption Spectrophotometry"
EPA SW846-(3050B:7000B) "Standard Method To Test For Low Concentrations Of Lead In Soils, Sludges and Sediments By AAS"

Comments: Regulatory limit is 0.5% lead by weight (EPA/HUD guidelines). Recommend multiple sampling for all samples less than regulatory limit for confirmation. All results are based on the samples as received at the lab. IATL assumes that appropriate sampling methods have been used and the data upon which these results are based have been accurately supplied by the client. Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Appendix B. Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies. LSD=0.2 ppm MDL=0.0024% by weight. RL= 0.010% by weight (based upon 100 mg sampled). * Insufficient sample provided to perform QC reanalysis (<200 mg) ** Not enough sample provided to analyze (<50 mg) *** Matrix / substrate interference possible. Sample results are not corrected for contamination by field or analytical blanks. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any government agency. This report shall not be reproduced except in full, without written approval of the laboratory.

Date Received: 6/6/2011
Date Analyzed: 6/13/2011
Analyst: C. Shaffer

LETTER OF TRANSMITTAL

FAXED
6.13.11

DUFFIELD ASSOCIATES, INC.

Consultants in the Geosciences

5400 Limestone Road

Wilmington, Delaware 19808

Phone: (302) 239-6634

Fax: (302) 239-8485

DATE: June 3, 2011

JOB NO.: 9001.EA

ATTN: Ray Sankey

RE: Asbestos & Paint Chip Samples

TO: IATL

9000 Commerce Parkway Suite B

Mt. Laurel, NJ 08054

WE ARE SENDING YOU:

☐ Concrete Reports

☐ Change Order

☒ Samples

☐ Prints

☐ Specification

☐ Copy of Letter

☐ Shop Drawing

☐ OTHER: _____

VIA: ☐ Regular Mail ☒ Overnight Delivery ☐ Hand Delivery ☐ Facsimile ☐ Pick Up

COPIES	DATE	NO.	DESCRIPTION
	06/2/11	102	Asbestos Samples, PLM, Standard TAT
		24	Paint Chip Samples, AAS
		1	Asbestos bag
		11	Asbestos Log Sheets – for immediate analysis
		3	Paint Chip Log Sheets

THESE ARE TRANSMITTED as checked:

☒ For your use

☐ For your approval

☐ As requested

☐ For review and comment

REMARKS:

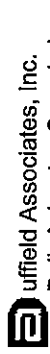
6/13/11 **RECEIVED** Logged
JUN - 6 2011
08 @ 6/16/11
IATL - By AS
6/7/11

COPY TO: File

8165.EG

DUFFIELD ASSOCIATES, INC.

Bradley Summerville, P.E.
Environmental Engineer



Duffield Associates, Inc.

Bulk Asbestos Sample Log

Client: PIDC

Project Name: Glenwood

P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808

(302) 239-6634 FAX: (302) 239-8485

Site Location: 3033 Glenwood Avenue

Date: 6/2/2011

Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
4322279 _{1-P1}	Light Green Paint	Ground Floor	n/a	TBD	AAS	Poor
4322280 _{1-P2}	Dark Green Paint	Ground Floor	n/a	TBD	AAS	Poor
4322281 _{1-P3}	Green Paint	Ground Floor	n/a	TBD	AAS	Poor
4322282 _{1-P4}	White Paint	Ground Floor	n/a	TBD	AAS	Poor
4322283 _{1-P5}	Light Green Paint	Ground Floor	n/a	TBD	AAS	Poor
4322284 _{1-P6}	White Paint	Ground Floor	n/a	TBD	AAS	Poor
4322285 _{1-P7}	Dark Green Paint	Ground Floor	n/a	TBD	AAS	Poor
4322286 _{1-P8}	Light Green Paint	Ground Floor	n/a	TBD	AAS	Poor
4322287 _{1-P9}	Dark Green Paint	Ground Floor	n/a	TBD	AAS	Poor
4322288 _{1-P10}	Red Paint	Ground Floor	n/a	TBD	AAS	Poor
* Pl - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile WT - Wall Tile SC - Spray Cell SW - Spray Wall SB - Spray Beam DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation TB - Transite Board JC - Joint Compound W - Wipe sample M - Mastic AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor						

Notes:

1. n/a = not applicable
2. AAS = Atomic Absorption Spectrophotometry
3. TBD = To Be Determined
1. Relinquished Brad Summerville

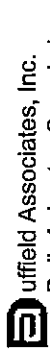
2. Received

Date 6/3/11

Date

Time 9:00

Time



Duffield Associates, Inc.
Bulk Asbestos Sample Log
Client: PIDC
Project Name: Glenwood
P.O. Number: 8165.EG

5400 Limestone Rd. Wilmington, DE 19808
(302) 239-6634 FAX: (302) 239-8485
Site Location: 3033 Glenwood Avenue
Date: 6/2/2011
Sampled by: BJS

Sample ID #	Material Description*	Location	Friable/Non-Friable	Quantity (square feet)	Analyze	Condition
43222802-P1	Light Blue Paint	2nd Floor	n/a	TBD	AAS	Poor
43222902-P2	Dark Blue Paint	2nd Floor	n/a	TBD	AAS	Poor
43222912-P3	Light Green Paint	2nd Floor	n/a	TBD	AAS	Poor
43222922-P4	Light Green Paint	2nd Floor	n/a	TBD	AAS	Poor
43222932-P5	Light Green Paint	2nd Floor	n/a	TBD	AAS	Poor
43222942-P6	Light Green Paint	2nd Floor	n/a	TBD	AAS	Poor
43222952-P7	Light Green Paint	2nd Floor	n/a	TBD	AAS	Poor
43222962-P8	Light Blue Paint	2nd Floor	n/a	TBD	AAS	Poor
43222972-P9	Dark Green Paint	2nd Floor	n/a	TBD	AAS	Poor
43222982-P10	Dark Blue Paint	2nd Floor	n/a	TBD	AAS	Poor
* PI - Pipe Insulation PE - Pipe Elbow PT - Pipe Tee FT - Floor Tile WT - Wall Tile SC - Spray Cell SW - Spray Wall SB - Spray Beam DW - Dry Wall CP - Ceiling Plaster WP - Wall Plaster FP - Floor Plaster CT - Ceiling Tile BI - Boiler Insulation DI - Duct Insulation TI - Tank Insulation TB - Transit Board JC - Joint Compound W - Wipe sample M - Mastic AS - Asphaltic Shingle RF - Roofing tar TP - Tar Paper Sh - Sheeting on floor						

Notes:

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3. TBD = To Be Determined
1. Relinquished Brad Summerville

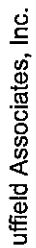
2. Received

Date 6/3/11

Date

Time 9:00

Time



5400 Limestone Rd. Wilmington, DE 19808
 (302) 239-6634 FAX: (302) 239-8485
 Site Location: 3033 Glenwood Avenue
 Date: 6/2/2011
 Sampled by: BJS

Notes:

1. n/a = not applicable
2. AAS = Atomic Absorption Spectrophotometry
3. TBD = To Be Determined

1. Relinquished Brad Summerville

Date 6/3/11

Time 9:00



BATCH / SAMPLE MANAGEMENT REPORT

Customer No.:	DUF727	Batch Number:	242108
Customer:	Duffield Associates, Inc 5400 Limestone Road Wilmington DE 19808	Project:	
Customer Rep:	RS	Project Number:	9001.EA
		TAT:	5 Day
		Date/Time Rec'd:	6/6/2011
# of Samples:	24	Analysis:	Lead Paint
		Time/Date Due:	6/13/2011

Initials Signaling
Acknowledgement

☐ RTP: _____ ☐ To PLM NOB _____ ☐ To TEM NOB _____

Special Instructions:

Admin Notes: Portal Access, Email results using color and high resolution

Shipping Error:

- _____ Samples were not received in a sealed container. Bulk samples not double bagged.
- _____ Air Cassettes received open in bag... sample integrity compromised, possible contamination.
- _____ Samples received wet.
- _____ Samples received covered with dust... possible cross contamination.
- _____ Sample containers damaged, contents spilled... possible cross contamination.
- _____ Paperwork received in the same bag as samples possible contamination.
- _____ No / Incomplete Chain of Custody Received.
- _____ No / Incomplete Sample Log Received.
- _____ Sample container IDs do not match the client's sample log.
- _____ No Turnaround Time indicated.
- _____ PCM Re-prep for TEM NIOSH 7402. Cassettes previously opened and portion of filter removed.
- _____ Blank(s) not submitted as required by the requested analytical method.
- _____ Minimum shipping requirements not attained. See attached Carrier Air Bill.
- _____ Other: _____

Batch Error:

- _____ Wrong Client ID Listed:
- _____ Wrong Client Location Listed:
- _____ Wrong Project ID Listed:
- _____ Wrong TurnAround Time Listed:
- _____ Wrong Due Date Listed:
- _____ Wrong Date/Time Received Listed:
- _____ Wrong Analysis Method Listed:
- _____ Wrong Number of Samples Listed:

Login Error:

- _____ Sample Log Stamped Incorrectly:
- _____ Sample Containers Mislabeled:
- _____ Duplicate / Extra Samples Not Stamped:
- _____ Analyst Bench Sheet Error:

DAILY QUALITY CONTROL DATA**LEAD SAMPLE ANALYSIS**

(DATE: 06/13/11)

Standard	Total Lead (mg)	Percent Recovery **
Reagent Blank	0.000	< LOQ
Blank Spike	0.500	99
Lab control Std # 401	0.454	104
Matrix Spike - LBP *	0.92	99
Matrix Spike - Wipe *	0.97	104
Matrix Spike - Soil *	0.512	93
Matrix spike - Air *	0.050	98
2.5 ppm Standard	0.25	98
10.0 ppm Standard	1.0	98
40.0 ppm Standard	4.0	102

AIHA LAP-LLC No. 100188

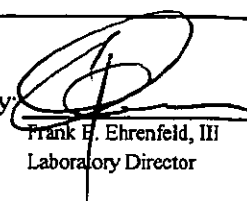
NYS-DOH ELAP No. 11021

Analysis Method: ASTM D3335-85A
NIOSH 7082
EPA SW846 3050 7420

Comments: IATL assumes that all sampling complies with accepted methods.
All client supplied sampling data is assumed to be correct when calculating results.
Detection limit based upon 0.2 mg/L reporting limit and sample size.
* NIST Traceable.
** 80-120% acceptable limits.

Analyzed By: 
R. Chad Shaffer

Date: 6/13/11

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

APPENDIX L

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

Jennifer L. Gresh, P.G.

Environmental Project Manager/Environmental Professional

Duffield Associates, Inc.

Professional Registration	Professional Geologist – Delaware Professional Geologist-Pennsylvania
Education	M.S., Geology, University of Delaware, 2002 B.S., Geology, Temple University, 1998
Training/Registrations	EPA AHERA Building Inspector EPA AHERA Supervisor Delaware Asbestos Project Monitor City of Philadelphia Asbestos Investigator 40 Hour OSHA Hazardous Materials Operations

Background/Skills

Ms. Gresh has over 9 years of environmental experience. She is responsible for project management, planning, and technical issues for environmental projects. In her capacity as an Environmental Project Manager, Ms. Gresh oversees Phase I and II Environmental Site Assessments, remedial investigation/feasibility studies, health and safety plans, operation and maintenance plans, spill prevention and countermeasure control plans, stormwater plans, aboveground and underground storage tank removals and assessments, and environmental remediation/cleanup projects

Selected Project Experience

Project Manager – Christiana Care Health System Spill Response and AST Audit, Newark, DE

Approximately 1,500 gallons of No. 2 fuel oil was released to an on-site storm water management basin. Ms. Gresh monitored cleanup activities, provided liaison services to DNREC for the facility owner, and prepared a site closure report to the satisfaction of DNREC. In response to the release, DNREC conducted an audit of the management of the facility's ASTs. In response to this audit, Ms. Gresh assisted the facility with achieving compliance, which included, but not limited to, tank inspections, training, and preparation of an integrated Spill Prevention and Countermeasure Control (SPCC) Plan and Release Preparedness Plan.

Project Manager- Holy Spirit Roman Catholic Church, New Castle, DE

Duffield Associates was retained conduct a Tier I Site Investigation after analytic results indicated that petroleum hydrocarbons remained in site soils at concentrations exceeding the State of Delaware Tier 0 Action Levels after the removal of a 2,000-gallon heating oil underground storage tank (UST). Ms. Gresh prepared a Work Plan in accordance with the requirements established by the Delaware Risk-Based Corrective Action Program (DERBCAP), managed the site investigation, and prepared the final report. A No Further Action letter was provided by DNREC for this project.

Project Manager – Donovan Site Brownfield Investigation, Lewes, DE

This property was formerly utilized as an unpermitted landfill. Previous investigations have indicated the presence of petroleum hydrocarbons in fill materials at the site. As the Project Manager, Ms. Gresh prepared a work plan and site specific health and safety plan to conduct site soil and groundwater investigations to support the redevelopment plans of the property to town houses. The work plan was approved by the applicable regulatory agency and Ms. Gresh is currently managing the site investigations.

Project Manager- Basher Lane Emergency Response

The Basher Lane site is a Brownfield Redevelopment project. During construction of an access lane on the property, soils were excavated that were geotechnical unsuitable. During excavation, free-phase petroleum was observed seeping from the sidewalls of the excavation. Ms. Gresh prepared and implemented an (approved) Interim Response Work Plan which included characterization of soils for disposal purposes, excavation and recycling/disposal of environmentally impacted soils, and confirmatory soil sampling. Groundwater sampling was also performed. The final report documenting site activities for this project has recently been approved by DNREC.

Project Geologist – Former Timmons Marina Brownfield Investigation, Dagsboro, DE

Proposed redevelopment activities of this property involved rehabilitation of an existing marina and conversion of the agricultural lands to residential lots. As such, this project involved both marina and dredging permit issues and potential soil and groundwater issues. Ms. Gresh developed the sampling and analysis approach for both the land-based and estuary-based investigations and coordinated site activities with the applicable regulatory agency. Ms. Gresh assessed the laboratory analytical data in the context of regulatory requirements and the geological setting, and prepared the Brownfield Investigation Report.

Project Geologist - Phase II Site Assessment and Asbestos Evaluation, Confidential Client, Newark, NJ

This project included a nine story building and a three story building formerly used as a telephone facility and a restaurant, respectively. Ms. Gresh performed the sampling and evaluation of the Asbestos Containing Materials. Asbestos was found in pipe insulation, floor tiles, roofing materials, wire insulation, and plaster. She directed the asbestos evaluation and assisted with the abatement specifications. Additionally, she coordinated the subcontractor lead-based paint survey and abatement process.

Project Geologist- Multiple Tasks, Blue Ball Dairy Barn, Wallace Roberts & Todd, Wilmington, DE

Ms. Gresh performed a Pre-renovation Environmental Assessment for the adaptive reuse of a historical site in Delaware. The assessment includes a Phase I Environmental Site Assessment, asbestos survey, lead-based paint survey, and soil sampling. Subsequent work included asbestos abatement, lead-paint removal, and arsenic and lead-impacted soil delineation and removal under the Delaware Hazardous Substance Act. Ms. Gresh performed sampling, statistically reviewed the analytic testing data, coordinated subcontractors, prepared asbestos abatement specifications, provided field oversight and prepared reports.

Project Geologist - Phase I, Phase II Environmental Investigations, Remedial Investigation and Risk Assessment, Property Development, Confidential Client, PA

The 75-acre property was found to contain a buried pesticide disposal area. Environmental investigations included test pits, installation of groundwater monitoring wells, surface water sampling, and sediment sampling. This work was performed under the guidance of a site-specific health and safety plan and remedial investigation work plan. Laboratory analysis indicated that the soil characterized as a RCRA hazardous waste. Ms. Gresh performed the site investigations, worked with client, and assisted in writing the health and safety plan, work plan, and report.

Project Geologist - Environmental Site Assessments, Multiple Clients, Wilmington, Delaware

As Project Geologist, Ms. Gresh performed numerous Phase I Environmental Site Assessments (ESA). Types of properties included: a wooded lot for a property transfer, a parking lot for an automobile dealership and residential townhouses. The ESAs included a review of current site conditions, historical documents, and regulatory environmental documentation. Ms. Gresh is the client contact for all noted ESAs.

Project Geologist - Phase I Environmental Site Assessment, Property Development, Confidential Client, DE

The 75 acre estate property was found to contain Underground Storage Tanks and potential asbestos containing materials. Additional observations noted potential environmentally impacted soils due to proximity to railroad tracks and suspected lead-based paint on the building structures. Ms. Gresh performed the site survey, worked with client, and wrote the report.

Project Geologist - Asbestos Abatement, Jewish Community Center, Newark, DE

The project included an asbestos evaluation at the Jewish Community Center building. Asbestos-containing building materials (ACBM) in the form of pipe insulation, floor coverings, and plasters were identified in the building. As Project Monitor, Ms. Gresh assisted with the asbestos identification, technical specification preparation, bid solicitation, and project coordination. Ms. Gresh, as the Project Monitor, reviewed air monitoring and documentation during the asbestos removal work.

Project Geologist - St. Michael's School and Nursery Asbestos and Lead-based Paint Abatement, Wilmington, DE

Ms. Gresh conducted the asbestos survey, assisted in preparation of the technical specifications for asbestos abatement, and assisted with lead-based paint abatement activities to prepare the building for renovations. Asbestos containing materials were found on the floor tiles and pipe insulation and were removed prior to interior demolition work. Lead-based paint was located on the exposed structural steel. Lead abatement was performed to Delaware Dept of Health Standards.

Project Geologist – Environmental Assessment, Delaware Army National Guard, Fort DuPont, DE

Duffield Associates was retained to perform an environmental assessment under the requirements of the National Environmental Policy Act (NEPA) for a federally funded project. To perform the assessment Ms. Gresh reviewed the Environmental Baseline Study prepared by others and gathered and assembled information from the appropriate state agencies to complete the environmental assessment. The completion of this assessment allowed the project to move forward to the satisfaction of the Delaware Army National Guard.

Project Geologist – Spill Prevention and Countermeasure Control Plan and Stormwater Management Plan, Lewes Ferry Terminal, Delaware River & Bay Authority, Lewes, DE, 2005

This project included an approximate 11-acre facility with office buildings and a ferry terminal. Ms. Gresh performed the site review, interviewed site personnel, assembled information, reviewed the pertinent regulations, and assisted in preparation of SPCC and Stormwater Management plans. Additionally, she provided the training for the Lewes Ferry Terminal personnel to assist them in implementation of the environmental plans.